Appendix B

Air Quality and Greenhouse Gas Emissions Analysis

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

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
°C	degrees Celsius
°F	degrees Fahrenheit
µg/m^3	micrograms per cubic meter
AB	Assembly Bill
ADMRT	Air Dispersion and Risk Tool
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
amsl	above mean sea level
AQMP	Air Quality Management Plan
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CALGreen	California's Green Building Standards
CALINE4	California LINE Source Dispersion Model
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAP	climate action plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAT	Climate Action Team
CDPH	California Department of Public Health
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CH_4	methane
City	City of Sierra Madre
C/M1	commercial manufacturing
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO_2	carbon dioxide
CPUC	California Public Utilities Commission
DPM	diesel particulate matter
EO	Executive Order
EPA	U.S. Environmental Protection Agency
EV	electric vehicle
GHG	greenhouse gas
GWP	global warming potential
H_2S	hydrogen sulfide
HAP	hazardous air pollutant
HARP2	Hotspots Analysis and Reporting Program Version 2
HFC	hydrofluorocarbon
HRA	health risk assessment
HVAC	heating, ventilation, and air conditioning
I	Interstate

Acronym/Abbreviation	Definition
IPCC	Intergovernmental Panel on Climate Change
ITE	Institute of Transportation Engineers
LCFS	Low Carbon Fuel Standard
LED	light emitting diode
LOS	level of service
LST	localized significance thresholds
MM	Mitigation Measure
MMT	million metric ton
MT CO_2e	metric tons of CO_2 equivalent
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NF_3	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NO_2	nitrogen dioxide
NO_x	oxides of nitrogen
O_3	ozone
OEHHA	Office of Environmental Health Hazard Assessment
PDF	project design feature
PeMS	Caltrans Performance Measurement System
PF	public facilities
PFC	perfluorocarbon
PM_{10}	particulate matter with an aerodynamic diameter less than or equal to 10 microns
$PM_{2.5}$	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
ppb	parts per billion
ppm	parts per million
PV	photovoltaic
RCP	Regional Comprehensive Plan
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCS	Sustainable Communities Strategy
SF_6	sulfur hexafluoride
SLCP	short-lived climate pollutant
SO_2	sulfur dioxide
SO_4	sulfates
SO_x	sulfur oxides
SRA	source-receptor area
TAC	toxic air contaminants
TIA	Transportation Impact Analysis

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

Executive Summary

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

Project Overview

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

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

Air Quality

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

Air Quality Plan Consistency

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

Cumulative Impacts

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

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

Exposure of Sensitive Receptors

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

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

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

Other Emissions

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

Greenhouse Gas Emissions

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

Project-Generated Construction and Operational Greenhouse Gas Emissions

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

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

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

Consistency with Applicable Greenhouse Gas Reduction Plans

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

1 Introduction

1.1 Report Purpose and Scope

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

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

1.2 Regional and Local Setting

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

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

General Plan and Zoning

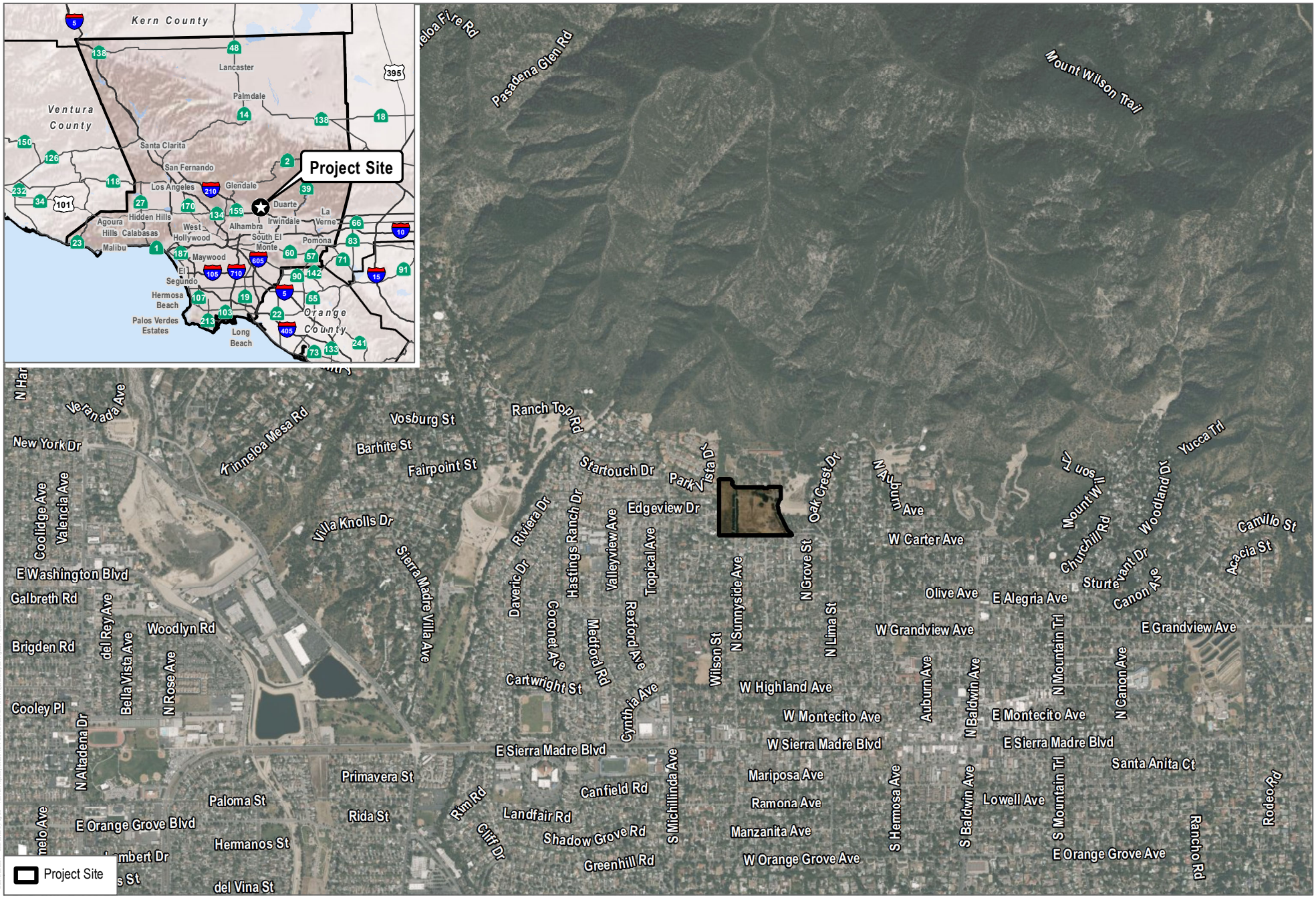
The proposed project would include amendments to the General Plan, Zoning Code, Zoning and Land Use maps, and approval of the Specific Plan. The project site currently has a zoning and land use designation of Institutional Land (City of Sierra Madre 2015 and 2017). The General Plan and Zoning Code amendments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

1.3 Project Description

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

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

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



SOURCE: County of Los Angeles 2020; Bing Maps

DUDEK

0 1,000 2,000 Feet

FIGURE 1

Project Location

The Meadows at Bailey Canyon EIR

2 Air Quality

2.1 Environmental Setting

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

2.1.1 Meteorological and Topographical Conditions

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

Climate

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

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

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

Sunlight

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

Temperature Inversions

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

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

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

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

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

2.1.2 Pollutants and Effects

2.1.2.1 Criteria Air Pollutants

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2.1.2.2 Non-Criteria Air Pollutants

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

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

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

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

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

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

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

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

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

2.1.3 Sensitive Receptors

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

2.2 Regulatory Setting

2.2.1 Federal Regulations

2.2.1.1 Criteria Air Pollutants

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

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

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

2.2.1.2 Hazardous Air Pollutants

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

2.2.2 State Regulations

2.2.2.1 Criteria Air Pollutants

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

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

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

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

Table 1. Ambient Air Quality Standards

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

Source: CARB 2016c.

Notes: μg/m³ = micrograms per cubic meter; mg/m³= milligrams per cubic meter; ppm = parts per million by volume; O_3 = ozone; NO_2 = nitrogen dioxide; CO = carbon monoxide; SO_2 = sulfur dioxide; PM_{10} = particulate matter with an aerodynamic diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns.

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

[b] National standards (other than O_3, NO_2, SO_2, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 μg/m³ is equal to or less than 1. For $PM_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

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

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

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

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

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

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

[i] On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 μg/m³ to 12.0 μg/m³. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 μg/m³, as was the annual secondary standard of 15 μg/m³. The existing 24-hour PM_{10} standards (primary and secondary) of 150 μg/m³ were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

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

[k] The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5 μg/m³ as a quarterly average) remains in effect until 1 year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

2.2.2.2 Toxic Air Contaminants

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

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

California Health and Safety Code Section 41700

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

2.2.3 Local Regulations

2.2.3.1 South Coast Air Quality Management District

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

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

Applicable Rules

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

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

2.2.3.2 Southern California Association of Governments

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

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

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

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

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

2.2.3.3 City of Sierra Madre

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2.3 Regional and Local Air Quality Conditions

2.3.1 South Coast Air Basin Attainment Designation

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

Table 2. South Coast Air Basin Attainment Classification

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

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

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

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

2.3.2 Local Ambient Air Quality

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

Table 3. Local Ambient Air Quality Data

Monitoring Station	Unit	Averaging Time	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
					2017	*2018*	*2019*	*2017*	*2018*	*2019*
Ozone (O_3)										
Pasadena	ppm	Maximum 1-hour concentration	California	0.09	0.139	0.112	0.120	18	8	11
	ppm	Maximum 8-hour concentration	California	0.070	0.100	0.091	0.098	38	20	29
			National	0.070	0.100	0.090	0.098	36	19	24
Nitrogen Dioxide (NO_2)										
Pasadena	ppm	Maximum 1-hour concentration	California	0.18	0.072	0.068	0.059	0	0	0
			National	0.100	0.072	0.068	0.059	0	0	0
	ppm	Annual concentration	California	0.030	0.015	0.014	0.013	0	0	0
			National	0.053	0.015	0.014	0.013	0	0	0
Carbon Monoxide (CO)										
Pasadena	ppm	Maximum 1-	California	20	2.2	2.0	1.5	0	0	0

Table 3. Local Ambient Air Quality Data

Monitoring Station	Unit	Averaging Time	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
					2017	*2018*	*2019*	*2017*	*2018*	*2019*
		hour concentration	National	35	2.2	2.0	1.5	0	0	0
	ppm	Maximum 8-hour concentration	California	9.0	1.7	1.4	1.2	0	0	0
			National	9	1.7	1.4	1.2	0	0	0
Sulfur Dioxide (SO_2)										
Los Angeles – North Main Street	ppm	Maximum 1-hour concentration	National	0.075	0.006	0.018	0.010	0	0	0
	ppm	Maximum 24-hour concentration	National	0.14	0.002	0.001	0.001	0	0	0
	ppm	Annual concentration	National	0.030	0.0004	0.0003	0.0003	0	0	0
Coarse Particulate Matter (PM_{10})[a]										
Los Angeles – North Main Street	µg/m³	Maximum 24-hour concentration	California	50	96.2	81.2	93.9	(ND) 40	(31.8) 31	(ND) 15
			National	150	64.6	68.2	62.4	(0.0) 0	(0.0) 0	(0.0) 0
	µg/m³	Annual concentration	California	20	ND	34.0	ND	(0.0) 0	(0.0) 0	(0.0) 0
Fine Particulate Matter ($PM_{2.5}$)[a]										
Pasadena	µg/m³	Maximum 24-hour concentration	National	35	22.8	32.5	41.8	(0.0) 0	(0.0) 0	(3.1) 1
	µg/m³	Annual concentration	California	12	9.6	10.2	9.1	(0.0) 0	(0.0) 0	(0.0) 0
			National	12.0	9.7	10.3	8.7	(0.0) 0	(0.0) 0	(0.0) 0

Sources: CARB 2020a; EPA 2020a.

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

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

Exceedances of national and California standards are only shown for O_3 and particulate matter. Daily exceedances for particulate matter are estimated days because PM_{10} and $PM_{2.5}$ are not monitored daily. All other criteria pollutants did not exceed national or California standards during the years shown. There is no national standard for 1-hour O_3, annual PM_{10}, or 24-hour SO_2, nor is there a California 24-hour standard for $PM_{2.5}$.

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

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

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

2.4 Significance Criteria and Methodology

2.4.1 Thresholds of Significance

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

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

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

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

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

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

Ambient Air Quality Standards for Criteria Pollutants[c]	
NO_2 1-hour average NO_2 annual arithmetic mean	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 0.18 ppm (state) 0.030 ppm (state) and 0.0534 ppm (federal)
CO 1-hour average CO 8-hour average	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 20 ppm (state) and 35 ppm (federal) 9.0 ppm (state/federal)
PM_{10} 24-hour average PM_{10} annual average	10.4 μg/m³ (construction)[d] 2.5 μg/m³ (operation) 1.0 μg/m³
$PM_{2.5}$ 24-hour average	10.4 μg/m³ (construction)[d] 2.5 μg/m³ (operation)

Source: SCAQMD 2019.
Notes: VOC = volatile organic compounds; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; TAC = toxic air contaminant; SCAQMD = South Coast Air Quality Management District; NO_2 = nitrogen dioxide; ppm = parts per million; μg/m³ = micrograms per cubic meter.
Greenhouse gas emissions thresholds for industrial projects, as added in the March 2015 revision to the SCAQMD Air Quality Significance Thresholds, were not include included in Table 4 as they are addressed within the greenhouse gas emissions analysis and not the air quality study.

[a] The phaseout of leaded gasoline started in 1976. Since gasoline no longer contains lead, the project is not anticipated to result in impacts related to lead; therefore, it is not discussed in this analysis.
[b] TACs include carcinogens and noncarcinogens.
[c] Ambient air quality standards for criteria pollutants are based on SCAQMD Rule 1303, Table A-2, unless otherwise stated.
[d] Ambient air quality threshold are based on SCAQMD Rule 403.

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

To evaluate the potential for the project to violate any air quality standard or contribute substantially to an existing or projected air quality violation, this analysis applies the SCAQMD's construction and operational criteria pollutants mass daily thresholds, as shown in Table 4. A project would result in a substantial contribution to an existing air quality violation of the NAAQS or CAAQS for O_3, which is a nonattainment pollutant, if the project's construction or operational emissions would exceed the SCAQMD VOC or NO_x thresholds shown in Table 4. These emissions-based thresholds for O_3 precursors are intended to serve as a surrogate for an "ozone significance threshold" (i.e., the potential for adverse O_3 impacts to occur). This approach is used because O_3 is not emitted directly (see the discussion of O_3 and its sources in Section 2.1.2, Pollutants and Effects), and the effects of an individual project's emissions of O_3 precursors (VOC and NO_x) on O_3 levels in ambient air cannot be determined through air quality models or other quantitative methods.

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

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

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

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

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

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

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

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

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

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

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

2.4.2 Approach and Methodology

2.4.2.1 Construction Emissions

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

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

- Clear & Grub: 2 days (February 2024)
- Remedial & Mass Excavation: 20 days (February 2024 – March 2024)
- Import Material to Balance Site: 14 days (February 2024 – March 2024)
- Finish Grading: 17 days (March 2024 – April 2024)
- Building Construction: 14 months (March 2024 – May 2025)
- Wet Utilities: 3 months (April 2024 – June 2024)
- Dry Utilities: 2 months (June 2024 – July 2024)
- Surface Improvements: 2 months (July 2024 – August 2024)
- Architectural Coating: 1 month (January 2025 – February 2025)

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

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

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

Table 6. Construction Scenario Assumptions

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

Notes: See Appendix A for details.

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

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

2.4.2.2 Operational Emissions

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

Area Sources

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

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

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

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

Energy Sources

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

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

Mobile Sources

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

2.4.2.3 Construction Health Risk Assessment

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

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

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

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

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

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

Note: See Appendix B.

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

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

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

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

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

2.5 Impact Analysis

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

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

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

Consistency Criterion No. 1

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

Consistency Criterion No. 2

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

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

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

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

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

Summary

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

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

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

Construction Emissions

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

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

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

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

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

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

Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District.
See Appendix A for complete results.
The values shown are the maximum summer or winter daily emissions results from CalEEMod. These emissions reflect CalEEMod "mitigated" output, which accounts for implementation of the project's fugitive dust control strategies, including watering of the project site and unpaved roads two times per day, and restricting vehicle speed on unpaved roads to 15 miles per hour.

As shown in Table 8, maximum daily construction emissions would not exceed the SCAQMD significance thresholds for VOC, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$ during construction. Impacts would be less than significant.

Operational Emissions

Operation of the proposed project would generate VOC, NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$ emissions from mobile sources (vehicle trips), area sources (consumer products, landscape maintenance equipment), and energy sources. As discussed in Section 2.4.2.2, Operation, pollutant emissions associated with long-term operations were quantified using CalEEMod. Project-generated mobile source emissions were estimated in CalEEMod based on project-specific trip rates. CalEEMod default values were used to estimate emissions from the proposed project area and energy sources.

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

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

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

Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District; PDF = project design feature.
See Appendix A for complete results.
Totals may not sum due to rounding.
The values shown are the maximum summer or winter daily emissions results from CalEEMod. These emissions reflect CalEEMod "mitigated" output and operational year 2026, which accounts for compliance with SCAQMD Rule 1113 (Architectural Coatings).

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

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

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

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

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

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

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

Localized Significance Thresholds Analysis

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

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

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

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

Maximum On-Site Emissions	NO_2	CO	PM_{10}	$PM_{2.5}$
	Pounds per Day			
Construction Emissions	80.52	56.77	7.42	4.12
SCAQMD LST	*89*	*623*	*5*	*3*
LST Exceeded?	**No**	**No**	**Yes**	**Yes**

Source: SCAQMD 2009.
Notes: NO_2 = nitrogen dioxide; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District; LST = localized significance threshold.
See Appendix A for complete results.
Localized significance thresholds are shown for a 1-acre project sites corresponding to a distance to a sensitive receptor of 25 meters.
These estimates implementation of the project's fugitive dust control strategies, including watering of the project site and unpaved roads twice times per day, and restricting vehicle speed on unpaved roads to 15 miles per hour.

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

Valley Fever

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

Health Impacts of Carbon Monoxide

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

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

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

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

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

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

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

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

Health Impacts of Toxic Air Contaminants

Construction Health Risk

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

Table 11. Construction Health Risk Assessment Results – Unmitigated

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

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

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

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

Health Effects of Other Criteria Air Pollutants

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

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

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

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

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

Mitigation Measures

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

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

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

Level of Significance After Mitigation

Localized Significance Thresholds Analysis

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

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

	NO_2	CO	PM_{10}	$PM_{2.5}$
Maximum On-Site Emissions	*Pounds per Day*			
Construction Emissions	40.12	80.87	4.46	1.42
SCAQMD LST	*89*	*623*	*5*	*3*
LST Exceeded?	No	No	No	No

Source: SCAQMD 2009.
Notes: NO_2 = nitrogen dioxide; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District; LST = localized significance threshold.
See Appendix B for complete results.
Localized significance thresholds are shown for a 1-acre project sites corresponding to a distance to a sensitive receptor of 25 meters.
These estimates implementation of the project's fugitive dust control strategies, including watering of the project site and unpaved roads twice times per day, and restricting vehicle speed on unpaved roads to 15 miles per hour.

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

Health Impacts of Toxic Air Contaminants

Construction Health Risk

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

Table 13. Construction Health Risk Assessment Results – Mitigated

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

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

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

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

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

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

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

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3 Greenhouse Gas Emissions

3.1 Environmental Setting

3.1.1 Climate Change Overview

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

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

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

3.1.2 Greenhouse Gases

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

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

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

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

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

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

- **Hydrofluorocarbons:** HFCs are compounds containing only hydrogen, fluorine, and carbon atoms. HFCs are synthetic chemicals used as alternatives to ozone-depleting substances in serving many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are used in manufacturing.
- **Perfluorocarbons:** PFCs are a group of human-made chemicals composed of carbon and fluorine only. These chemicals were introduced as alternatives, with HFCs, to the ozone depleting substances. The two main sources of PFCs are primary aluminum production and semiconductor manufacturing. Since PFCs have stable molecular structures and do not break down through the chemical processes in the lower atmosphere, these chemicals have long lifetimes, ranging between 10,000 and 50,000 years.
- **Sulfur Hexafluoride:** SF_6 is a colorless gas soluble in alcohol and ether and slightly soluble in water. SF_6 is used for insulation in electric power transmission and distribution equipment, semiconductor manufacturing, the magnesium industry, and as a tracer gas for leak detection.
- **Nitrogen Trifluoride:** NF_3 is used in the manufacture of a variety of electronics, including semiconductors and flat panel displays.

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

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

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

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

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

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

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

3.1.3 Global Warming Potential

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

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

3.2 Regulatory Setting

3.2.1 Federal Regulations

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

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

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

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

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

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

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

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

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

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

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

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

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

3.2.2 State Regulations

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

State Climate Change Targets

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

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

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

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

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

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

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

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

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

1. Expanding and strengthening existing energy efficiency programs as well as building and appliance standards
2. Achieving a statewide renewable energy mix of 33%
3. Developing a California cap-and-trade program that links with other Western Climate Initiative partner programs to create a regional market system and caps sources contributing 85% of California's GHG emissions
4. Establishing targets for transportation-related GHG emissions for regions throughout California, and pursuing policies and incentives to achieve those targets
5. Adopting and implementing measures pursuant to existing state laws and policies, including California's clean car standards, goods movement measures, and the Low Carbon Fuel Standard (LCFS 17 CCR, Section 95480 et seq.)
6. Creating targeted fees, including a public goods charge on water use, fees on high GWP gases, and a fee to fund the administrative costs of the State of California's long-term commitment to AB 32 implementation

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

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

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

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

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

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

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

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

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

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

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

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

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

Building Energy

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

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

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

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

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

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

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

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

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

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

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

Renewable Energy and Energy Procurement

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

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

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

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

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

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

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

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

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

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

Mobile Sources

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

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

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

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

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

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

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

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

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

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

Water

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

Solid Waste

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

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

Other State Actions

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

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

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

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

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

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

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

3.2.3 Local Regulations

3.2.3.1 South Coast Air Quality Management District

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

3.2.3.2 Southern California Association of Governments

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

3.2.3.2 City of Sierra Madre General Plan

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

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

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

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

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

3.3 Greenhouse Gas Inventories and Climate Change Conditions

3.3.1 Sources of Greenhouse Gas Emissions

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

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

Table 14. Greenhouse Gas Emissions Sources in California

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

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

3.3.2 Potential Effects of Climate Change

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

3.4 Significance Criteria and Methodology

3.4.1 Thresholds of Significance

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

3.4.2 Approach and Methodology

3.4.2.1 Construction

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

3.4.2.2 Operation

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

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

Area Sources

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

Energy Sources

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

Mobile Sources

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

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

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

Solid Waste

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

Water and Wastewater

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

3.5 Impact Analysis

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

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

Construction Emissions

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

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

Table 15. Estimated Annual Construction Greenhouse Gas Emissions - Unmitigated

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

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

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

Operational Emissions

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

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

Table 16. Estimated Annual Operational Greenhouse Gas Emissions

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

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

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

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

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

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

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

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

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

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

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

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

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

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

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

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

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

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

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

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

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

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

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

Table 17. Applicable Greenhouse Gas-Related Laws and Regulations

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

Notes: AB = Assembly Bill; CARB = California Air Resources Board; CEC = California Energy Commission; CFC = chlorofluorocarbon; CH4 = methane; CO2 = carbon dioxide; CO2e = carbon dioxide equivalent; CPUC = California Public Utilities Commission; EO = Executive Order; EPA = Environmental Protection Agency; GHG = greenhouse gas; GWP = global warming potential; HCFC = hydrochlorofluorocarbon; HFC = hydrofluorocarbon; gpm = gallons per minute; MT = metric tons; N2O = nitrous oxide; NHTSA = National Highway Traffic Safety Administration; PM = particulate matter; RPS = Renewable Portfolio Standard; RTP/SCS = Regional Transportation Plan/Sustainable Communities Strategy; SB = Senate Bill; SCAG = Southern California Association of Governments; VOC = volatile organic compound; ZEV = zero emission vehicle

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

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

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

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

Source: City of Sierra Madre 2015.

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

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

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

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

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

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

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

Source: CARB 2008, 2017b.
Notes: GHG = greenhouse gas; proposed project = The Farm in Poway; CARB = California Air Resources Board; EV = electric vehicle; SF_6 = sulfur hexafluoride.

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

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

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

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

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

- Encouraging regional transfer of development rights programs to allow owners of natural and working lands to sell their development rights to developers who can use those rights to add additional density to development projects in preferred infill areas.
- Promoting regional transit-oriented development funds that leverage public resources with private-sector investment capital to provide flexible capital for transit-oriented development projects.
- Rebates for low-VMT/location-efficient housing, similar to programs that use rebates to encourage adoption of energy-efficient appliances, ZEVs, water-efficient yards, or renewable energy installation. For example, the rebate could reimburse residents for a portion of the down payment for purchasing or renting a qualified home in exchange for a minimum term of residence.
- Promotion of cross-subsidizing multi-station financing districts along transit corridors to leverage revenues from development in strong-market station areas in order to seed needed infrastructure and development in weaker-market station areas.
- Abatement of residential property tax increases in exchange for property-based improvements in distressed infill areas.
- Ways to promote reduced parking in areas where viable transportation alternatives are present.
- Additional creative financing mechanisms to enhance the viability of priority infill projects.
- Ways to promote and strengthen urban growth boundaries to promote infill development and conservation of natural and working lands by defining and limiting developable land within a metropolitan area according to projected growth needs.

Consistency Evaluation with SB 375 (SCAG RTP/SCS)

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

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

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

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

Source: SCAG 2020.

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

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

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5 List of Preparers

Adam Poll, Senior Air Quality Specialist

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APPENDIX A

CalEEMod Output Files

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The Meadows at Sierra Madre

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

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

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

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

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

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

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

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

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

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

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

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

Mitigated Construction

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

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

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

2.2 Overall Operational

Unmitigated Operational

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

2.2 Overall Operational

Mitigated Operational

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

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

3.0 Construction Detail

Construction Phase

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

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

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

OffRoad Equipment

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

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

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

Trips and VMT

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

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.2 Clear & Grub - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.5 Finish Grading - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.6 Building Construction - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.6 Building Construction - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.6 Building Construction - 2025

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.6 Building Construction - 2025

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.7 Wet Utilities - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.8 Dry Utilities - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.9 Surface Improvements - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.10 Architectural Coating - 2025

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

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

4.3 Trip Type Information

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

4.4 Fleet Mix

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

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

Mitigated

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

5.3 Energy by Land Use - Electricity

Unmitigated

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

Mitigated

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

6.0 Area Detail

6.1 Mitigation Measures Area

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

6.2 Area by SubCategory

Unmitigated

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

6.2 Area by SubCategory

Mitigated

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

7.0 Water Detail

7.1 Mitigation Measures Water

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

7.2 Water by Land Use

Unmitigated

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

7.2 Water by Land Use

Mitigated

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

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

8.2 Waste by Land Use

Unmitigated

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

8.2 Waste by Land Use

Mitigated

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

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

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

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

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

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

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

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

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

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

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

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	8.2026	86.4248	59.9070	0.1835	98.5438	3.2147	100.4888	10.3567	2.9580	12.1591	0.0000	18,100.3653	18,100.3653	4.9525	0.0000	18,224.1770
2025	54.5610	19.0007	25.3188	0.0627	65.9628	0.6504	66.6131	6.9598	0.6149	7.5747	0.0000	6,191.3190	6,191.3190	0.7902	0.0000	6,211.0736
Maximum	**54.5610**	**86.4248**	**59.9070**	**0.1835**	**98.5438**	**3.2147**	**100.4888**	**10.3567**	**2.9580**	**12.1591**	**0.0000**	**18,100.3653**	**18,100.3653**	**4.9525**	**0.0000**	**18,224.1770**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	8.2026	86.4248	59.9070	0.1835	61.5075	3.2147	63.4524	6.6530	2.9580	8.4555	0.0000	18,100.3653	18,100.3653	4.9525	0.0000	18,224.1770
2025	54.5610	19.0007	25.3188	0.0627	41.2503	0.6504	41.9007	4.4886	0.6149	5.1035	0.0000	6,191.3190	6,191.3190	0.7902	0.0000	6,211.0736
Maximum	**54.5610**	**86.4248**	**59.9070**	**0.1835**	**61.5075**	**3.2147**	**63.4524**	**6.6530**	**2.9580**	**8.4555**	**0.0000**	**18,100.3653**	**18,100.3653**	**4.9525**	**0.0000**	**18,224.1770**

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

2.2 Overall Operational

Unmitigated Operational

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

Mitigated Operational

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

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

3.0 Construction Detail

Construction Phase

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

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

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

OffRoad Equipment

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

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

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

Trips and VMT

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

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.2 Clear & Grub - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.3400	0.0000	9.3400	2.6045	0.0000	2.6045			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.0668	14,097.0668	4.5593		14,211.0487
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**9.3400**	**3.1232**	**12.4631**	**2.6045**	**2.8733**	**5.4778**		**14,097.0668**	**14,097.0668**	**4.5593**		**14,211.0487**

Unmitigated Construction Off-Site

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

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.5 Finish Grading - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.6 Building Construction - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1029	3.6868	1.0107	0.0132	15.6924	4.1100e-003	15.6966	1.6299	3.9300e-003	1.6338		1,408.9587	1,408.9587	0.0735		1,410.7973
Worker	0.5003	0.2896	4.2672	0.0142	41.5051	0.0109	41.5160	4.4016	0.0100	4.4117		1,411.7767	1,411.7767	0.0316		1,412.5666
Total	**0.6032**	**3.9763**	**5.2779**	**0.0273**	**57.1975**	**0.0150**	**57.2125**	**6.0315**	**0.0140**	**6.0455**		**2,820.7354**	**2,820.7354**	**0.1051**		**2,823.3639**

3.6 Building Construction - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.6 Building Construction - 2025

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.6 Building Construction - 2025

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.7 Wet Utilities - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.8 Dry Utilities - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.9 Surface Improvements - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.10 Architectural Coating - 2025

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Unmitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600

4.2 Trip Summary Information

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

4.3 Trip Type Information

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

4.4 Fleet Mix

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

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

Mitigated

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

6.0 Area Detail

6.1 Mitigation Measures Area

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

6.2 Area by SubCategory

Unmitigated

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

6.2 Area by SubCategory

Mitigated

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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

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

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

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

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

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

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

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

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

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

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

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

Mitigated Construction

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

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

2.2 Overall Operational

Unmitigated Operational

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

Mitigated Operational

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

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

3.0 Construction Detail

Construction Phase

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

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

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

OffRoad Equipment

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

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

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

Trips and VMT

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

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.2 Clear & Grub - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.3400	0.0000	9.3400	2.6045	0.0000	2.6045			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.0668	14,097.0668	4.5593		14,211.0487
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**9.3400**	**3.1232**	**12.4631**	**2.6045**	**2.8733**	**5.4778**		**14,097.0668**	**14,097.0668**	**4.5593**		**14,211.0487**

Unmitigated Construction Off-Site

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

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.5 Finish Grading - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.6 Building Construction - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.6 Building Construction - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.6 Building Construction - 2025

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.6 Building Construction - 2025

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.7 Wet Utilities - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.8 Dry Utilities - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.9 Surface Improvements - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.10 Architectural Coating - 2025

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

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

4.3 Trip Type Information

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

4.4 Fleet Mix

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

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

Mitigated

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

6.0 Area Detail

6.1 Mitigation Measures Area

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

6.2 Area by SubCategory

Unmitigated

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

6.2 Area by SubCategory

Mitigated

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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre Mitigated

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

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

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

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

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

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

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

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

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

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

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

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

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

Mitigated Construction

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

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

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

2.2 Overall Operational

Unmitigated Operational

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

2.2 Overall Operational

Mitigated Operational

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

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

3.0 Construction Detail

Construction Phase

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

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

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

OffRoad Equipment

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

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

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

Trips and VMT

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

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.2 Clear & Grub - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6500e-003	4.7000e-004	1.0000e-005	6.3900e-003	0.0000	6.3900e-003	6.7000e-004	0.0000	6.7000e-004	0.0000	0.5613	0.5613	3.0000e-005	0.0000	0.5621
Worker	7.5000e-004	5.0000e-004	5.9800e-003	2.0000e-005	0.0579	2.0000e-005	0.0580	6.1700e-003	2.0000e-005	6.1900e-003	0.0000	1.8529	1.8529	4.0000e-005	0.0000	1.8540
Total	**8.0000e-004**	**2.1500e-003**	**6.4500e-003**	**3.0000e-005**	**0.0643**	**2.0000e-005**	**0.0643**	**6.8400e-003**	**2.0000e-005**	**6.8600e-003**	**0.0000**	**2.4142**	**2.4142**	**7.0000e-005**	**0.0000**	**2.4160**

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0420	0.0000	0.0420	0.0117	0.0000	0.0117	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0143	0.2308	0.4651	8.7000e-004		1.4300e-003	1.4300e-003		1.4300e-003	1.4300e-003	0.0000	76.7318	76.7318	0.0248	0.0000	77.3522
Total	**0.0143**	**0.2308**	**0.4651**	**8.7000e-004**	**0.0420**	**1.4300e-003**	**0.0435**	**0.0117**	**1.4300e-003**	**0.0132**	**0.0000**	**76.7318**	**76.7318**	**0.0248**	**0.0000**	**77.3522**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6500e-003	4.7000e-004	1.0000e-005	3.9700e-003	0.0000	3.9700e-003	4.2000e-004	0.0000	4.3000e-004	0.0000	0.5613	0.5613	3.0000e-005	0.0000	0.5621
Worker	7.5000e-004	5.0000e-004	5.9800e-003	2.0000e-005	0.0364	2.0000e-005	0.0364	4.0100e-003	2.0000e-005	4.0300e-003	0.0000	1.8529	1.8529	4.0000e-005	0.0000	1.8540
Total	**8.0000e-004**	**2.1500e-003**	**6.4500e-003**	**3.0000e-005**	**0.0404**	**2.0000e-005**	**0.0404**	**4.4300e-003**	**2.0000e-005**	**4.4600e-003**	**0.0000**	**2.4142**	**2.4142**	**7.0000e-005**	**0.0000**	**2.4160**

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.0000e-005	0.0000	9.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2000e-004	0.0116	0.0235	4.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	3.8452	3.8452	1.2400e-003	0.0000	3.8763
Total	**7.2000e-004**	**0.0116**	**0.0235**	**4.0000e-005**	**9.0000e-005**	**7.0000e-005**	**1.6000e-004**	**1.0000e-005**	**7.0000e-005**	**8.0000e-005**	**0.0000**	**3.8452**	**3.8452**	**1.2400e-003**	**0.0000**	**3.8763**

Mitigated Construction Off-Site

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

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.5 Finish Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0800e-003	0.0000	6.0800e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1100e-003	0.0501	0.1010	1.9000e-004		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	16.6390	16.6390	5.3800e-003	0.0000	16.7735
Total	**3.1100e-003**	**0.0501**	**0.1010**	**1.9000e-004**	**6.0800e-003**	**3.1000e-004**	**6.3900e-003**	**6.6000e-004**	**3.1000e-004**	**9.7000e-004**	**0.0000**	**16.6390**	**16.6390**	**5.3800e-003**	**0.0000**	**16.7735**

Mitigated Construction Off-Site

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

3.6 Building Construction - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.6 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0594	1.2075	1.9902	3.0000e-003		9.1200e-003	9.1200e-003		9.1200e-003	9.1200e-003	0.0000	258.3896	258.3896	0.0626	0.0000	259.9547
Total	**0.0594**	**1.2075**	**1.9902**	**3.0000e-003**		**9.1200e-003**	**9.1200e-003**		**9.1200e-003**	**9.1200e-003**	**0.0000**	**258.3896**	**258.3896**	**0.0626**	**0.0000**	**259.9547**

Mitigated Construction Off-Site

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

3.6 Building Construction - 2025

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.6 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0263	0.5341	0.8803	1.3300e-003		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003	0.0000	114.3247	114.3247	0.0276	0.0000	115.0134
Total	**0.0263**	**0.5341**	**0.8803**	**1.3300e-003**		**4.0300e-003**	**4.0300e-003**		**4.0300e-003**	**4.0300e-003**	**0.0000**	**114.3247**	**114.3247**	**0.0276**	**0.0000**	**115.0134**

Mitigated Construction Off-Site

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

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.7 Wet Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0161	0.3859	0.6942	1.0300e-003		1.6800e-003	1.6800e-003		1.6800e-003	1.6800e-003	0.0000	90.2292	90.2292	0.0292	0.0000	90.9587
Total	**0.0161**	**0.3859**	**0.6942**	**1.0300e-003**		**1.6800e-003**	**1.6800e-003**		**1.6800e-003**	**1.6800e-003**	**0.0000**	**90.2292**	**90.2292**	**0.0292**	**0.0000**	**90.9587**

Mitigated Construction Off-Site

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

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.8 Dry Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.1800e-003	0.0905	0.1708	2.8000e-004		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	24.6921	24.6921	7.9900e-003	0.0000	24.8918
Total	**5.1800e-003**	**0.0905**	**0.1708**	**2.8000e-004**		**4.6000e-004**	**4.6000e-004**		**4.6000e-004**	**4.6000e-004**	**0.0000**	**24.6921**	**24.6921**	**7.9900e-003**	**0.0000**	**24.8918**

Mitigated Construction Off-Site

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

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.9 Surface Improvements - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.2572	0.4685	7.2000e-004		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003	0.0000	62.8531	62.8531	0.0203	0.0000	63.3613
Paving	4.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0163**	**0.2572**	**0.4685**	**7.2000e-004**		**1.1700e-003**	**1.1700e-003**		**1.1700e-003**	**1.1700e-003**	**0.0000**	**62.8531**	**62.8531**	**0.0203**	**0.0000**	**63.3613**

Mitigated Construction Off-Site

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

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.10 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3000e-004	0.0141	0.0244	4.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4090
Total	**0.5228**	**0.0141**	**0.0244**	**4.0000e-005**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4090**

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

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

4.3 Trip Type Information

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

4.4 Fleet Mix

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

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

Mitigated

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

5.3 Energy by Land Use - Electricity

Unmitigated

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

Mitigated

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

6.0 Area Detail

6.1 Mitigation Measures Area

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

6.2 Area by SubCategory

Unmitigated

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

6.2 Area by SubCategory

Mitigated

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

7.0 Water Detail

7.1 Mitigation Measures Water

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

7.2 Water by Land Use

Unmitigated

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

7.2 Water by Land Use

Mitigated

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

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

8.2 Waste by Land Use

Unmitigated

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

8.2 Waste by Land Use

Mitigated

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

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre Mitigated

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

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

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

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

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

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

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

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

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

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

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

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

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	7.7582	78.5359	57.6548	0.1503	98.5438	3.1262	100.4888	10.3567	2.8761	12.1591	0.0000	14,922.7810	14,922.7810	4.5727	0.0000	14,997.4835
2025	54.5610	19.0007	25.3188	0.0627	65.9628	0.6504	66.6131	6.9598	0.6149	7.5747	0.0000	6,191.3190	6,191.3190	0.7902	0.0000	6,211.0736
Maximum	**54.5610**	**78.5359**	**57.6548**	**0.1503**	**98.5438**	**3.1262**	**100.4888**	**10.3567**	**2.8761**	**12.1591**	**0.0000**	**14,922.7810**	**14,922.7810**	**4.5727**	**0.0000**	**14,997.4835**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.9564	45.2836	78.6719	0.1503	61.5075	0.2416	61.7299	6.6530	0.2414	6.8738	0.0000	14,922.7810	14,922.7810	4.5727	0.0000	14,997.4835
2025	53.5212	17.1308	27.3481	0.0627	41.2503	0.1100	41.3603	4.4886	0.1088	4.5973	0.0000	6,191.3190	6,191.3190	0.7902	0.0000	6,211.0736
Maximum	**53.5212**	**45.2836**	**78.6719**	**0.1503**	**61.5075**	**0.2416**	**61.7299**	**6.6530**	**0.2414**	**6.8738**	**0.0000**	**14,922.7810**	**14,922.7810**	**4.5727**	**0.0000**	**14,997.4835**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**9.37**	**36.01**	**-27.78**	**0.00**	**37.54**	**90.69**	**38.31**	**35.66**	**89.97**	**41.87**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

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

Mitigated Operational

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

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

3.0 Construction Detail

Construction Phase

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

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

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

OffRoad Equipment

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

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

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

Trips and VMT

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

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

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

3.2 Clear & Grub - 2024

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.3269	5.5027	10.7026	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766
Total	**0.3269**	**5.5027**	**10.7026**	**0.0188**	**0.4772**	**0.0308**	**0.5080**	**0.0515**	**0.0308**	**0.0823**	**0.0000**	**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7766**

3.2 Clear & Grub - 2024

Mitigated Construction Off-Site

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

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					15.5666	0.0000	15.5666	4.3408	0.0000	4.3408			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.0668	14,097.0668	4.5593		14,211.0487
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**15.5666**	**3.1232**	**18.6898**	**4.3408**	**2.8733**	**7.2141**		**14,097.0668**	**14,097.0668**	**4.5593**		**14,211.0487**

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0050	0.0000	7.0050	1.9534	0.0000	1.9534			0.0000			0.0000
Off-Road	2.3851	38.4595	77.5152	0.1456		0.2385	0.2385		0.2385	0.2385	0.0000	14,097.0667	14,097.0667	4.5593		14,211.0487
Total	**2.3851**	**38.4595**	**77.5152**	**0.1456**	**7.0050**	**0.2385**	**7.2435**	**1.9534**	**0.2385**	**2.1919**	**0.0000**	**14,097.0667**	**14,097.0667**	**4.5593**		**14,211.0487**

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction Off-Site

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

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

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

3.4 Import Material to Balance Site - 2024

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0128	0.0000	0.0128	1.9400e-003	0.0000	1.9400e-003			0.0000			0.0000
Off-Road	0.1031	1.6627	3.3512	6.2600e-003		0.0103	0.0103		0.0103	0.0103	0.0000	605.5141	605.5141	0.1958		610.4100
Total	**0.1031**	**1.6627**	**3.3512**	**6.2600e-003**	**0.0128**	**0.0103**	**0.0231**	**1.9400e-003**	**0.0103**	**0.0123**	**0.0000**	**605.5141**	**605.5141**	**0.1958**		**610.4100**

3.4 Import Material to Balance Site - 2024

Mitigated Construction Off-Site

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

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

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

3.5 Finish Grading - 2024

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	0.3654	5.8925	11.8763	0.0223		0.0365	0.0365		0.0365	0.0365	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**0.3654**	**5.8925**	**11.8763**	**0.0223**	**0.7158**	**0.0365**	**0.7524**	**0.0773**	**0.0365**	**0.1138**	**0.0000**	**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

3.5 Finish Grading - 2024

Mitigated Construction Off-Site

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

3.6 Building Construction - 2024

Unmitigated Construction On-Site

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

3.6 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1029	3.6868	1.0107	0.0132	15.6924	4.1100e-003	15.6966	1.6299	3.9300e-003	1.6338		1,408.9587	1,408.9587	0.0735		1,410.7973
Worker	0.5003	0.2896	4.2672	0.0142	41.5051	0.0109	41.5160	4.4016	0.0100	4.4117		1,411.7767	1,411.7767	0.0316		1,412.5666
Total	**0.6032**	**3.9763**	**5.2779**	**0.0273**	**57.1975**	**0.0150**	**57.2125**	**6.0315**	**0.0140**	**6.0455**		**2,820.7354**	**2,820.7354**	**0.1051**		**2,823.3639**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

3.6 Building Construction - 2024

Mitigated Construction Off-Site

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

3.6 Building Construction - 2025

Unmitigated Construction On-Site

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

3.6 Building Construction - 2025

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0289		0.0877	0.0877		0.0877	0.0877	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**0.5714**	**11.6107**	**19.1360**	**0.0289**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

3.6 Building Construction - 2025

Mitigated Construction Off-Site

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

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

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

3.7 Wet Utilities - 2024

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5361	12.8647	23.1405	0.0343		0.0562	0.0562		0.0562	0.0562	0.0000	3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**0.5361**	**12.8647**	**23.1405**	**0.0343**		**0.0562**	**0.0562**		**0.0562**	**0.0562**	**0.0000**	**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

3.7 Wet Utilities - 2024

Mitigated Construction Off-Site

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

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

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

3.8 Dry Utilities - 2024

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3455	6.0346	11.3865	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.3455**	**6.0346**	**11.3865**	**0.0188**		**0.0308**	**0.0308**		**0.0308**	**0.0308**	**0.0000**	**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

3.8 Dry Utilities - 2024

Mitigated Construction Off-Site

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

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

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

3.9 Surface Improvements - 2024

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7605	17.1464	31.2316	0.0477		0.0781	0.0781		0.0781	0.0781	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0880**	**17.1464**	**31.2316**	**0.0477**		**0.0781**	**0.0781**		**0.0781**	**0.0781**	**0.0000**	**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

3.9 Surface Improvements - 2024

Mitigated Construction Off-Site

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

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

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

3.10 Architectural Coating - 2025

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**52.2769**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.10 Architectural Coating - 2025

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Unmitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600

4.2 Trip Summary Information

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

4.3 Trip Type Information

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

4.4 Fleet Mix

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

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

Mitigated

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

6.0 Area Detail

6.1 Mitigation Measures Area

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

6.2 Area by SubCategory

Unmitigated

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

6.2 Area by SubCategory

Mitigated

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

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre Mitigated

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

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

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

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

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

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

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

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

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

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

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

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

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	7.7716	78.5411	57.3211	0.1499	98.5438	3.1262	100.4893	10.3567	2.8762	12.1596	0.0000	14,690.2249	14,690.2249	4.5725	0.0000	14,765.1783
2025	54.6264	19.0070	24.9100	0.0612	65.9628	0.6505	66.6133	6.9598	0.6151	7.5749	0.0000	6,044.7200	6,044.7200	0.7925	0.0000	6,064.5321
Maximum	**54.6264**	**78.5411**	**57.3211**	**0.1499**	**98.5438**	**3.1262**	**100.4893**	**10.3567**	**2.8762**	**12.1596**	**0.0000**	**14,690.2249**	**14,690.2249**	**4.5725**	**0.0000**	**14,765.1783**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	3.0395	45.2580	78.5642	0.1499	61.5075	0.2416	61.7304	6.6530	0.2414	6.8743	0.0000	14,690.2249	14,690.2249	4.5725	0.0000	14,765.1783
2025	53.5866	17.1371	26.9392	0.0612	41.2503	0.1101	41.3604	4.4886	0.1089	4.5975	0.0000	6,044.7199	6,044.7199	0.7925	0.0000	6,064.5321
Maximum	**53.5866**	**45.2580**	**78.5642**	**0.1499**	**61.5075**	**0.2416**	**61.7304**	**6.6530**	**0.2414**	**6.8743**	**0.0000**	**14,690.2249**	**14,690.2249**	**4.5725**	**0.0000**	**14,765.1783**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**9.25**	**36.04**	**-28.30**	**0.00**	**37.54**	**90.69**	**38.31**	**35.66**	**89.97**	**41.87**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

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

Mitigated Operational

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

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

3.0 Construction Detail

Construction Phase

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

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

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

OffRoad Equipment

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

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

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

Trips and VMT

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

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

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

3.2 Clear & Grub - 2024

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.3269	5.5027	10.7026	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766
Total	**0.3269**	**5.5027**	**10.7026**	**0.0188**	**0.4772**	**0.0308**	**0.5080**	**0.0515**	**0.0308**	**0.0823**	**0.0000**	**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7766**

3.2 Clear & Grub - 2024

Mitigated Construction Off-Site

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

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					15.5666	0.0000	15.5666	4.3408	0.0000	4.3408			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.0668	14,097.0668	4.5593		14,211.0487
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**15.5666**	**3.1232**	**18.6898**	**4.3408**	**2.8733**	**7.2141**		**14,097.0668**	**14,097.0668**	**4.5593**		**14,211.0487**

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0050	0.0000	7.0050	1.9534	0.0000	1.9534			0.0000			0.0000
Off-Road	2.3851	38.4595	77.5152	0.1456		0.2385	0.2385		0.2385	0.2385	0.0000	14,097.0667	14,097.0667	4.5593		14,211.0487
Total	**2.3851**	**38.4595**	**77.5152**	**0.1456**	**7.0050**	**0.2385**	**7.2435**	**1.9534**	**0.2385**	**2.1919**	**0.0000**	**14,097.0667**	**14,097.0667**	**4.5593**		**14,211.0487**

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction Off-Site

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

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0285	0.0000	0.0285	4.3200e-003	0.0000	4.3200e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717		605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0285**	**0.0779**	**0.1064**	**4.3200e-003**	**0.0717**	**0.0760**		**605.5141**	**605.5141**	**0.1958**		**610.4100**

3.4 Import Material to Balance Site - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1702	5.4397	1.8533	0.0255	10.1612	0.0103	10.1715	1.1230	9.8100e-003	1.1328		2,771.7995	2,771.7995	0.1858		2,776.4453
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.5812	1.6000e-004	0.5814	0.0604	1.5000e-004	0.0605		50.6993	50.6993	2.9000e-003		50.7718
Worker	0.0233	0.0134	0.1611	5.6000e-004	1.7537	4.6000e-004	1.7542	0.1860	4.2000e-004	0.1864		55.7774	55.7774	1.2400e-003		55.8084
Total	**0.1975**	**5.5887**	**2.0556**	**0.0265**	**12.4962**	**0.0109**	**12.5071**	**1.3693**	**0.0104**	**1.3797**		**2,878.2761**	**2,878.2761**	**0.1900**		**2,883.0255**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0128	0.0000	0.0128	1.9400e-003	0.0000	1.9400e-003			0.0000			0.0000
Off-Road	0.1031	1.6627	3.3512	6.2600e-003		0.0103	0.0103		0.0103	0.0103	0.0000	605.5141	605.5141	0.1958		610.4100
Total	**0.1031**	**1.6627**	**3.3512**	**6.2600e-003**	**0.0128**	**0.0103**	**0.0231**	**1.9400e-003**	**0.0103**	**0.0123**	**0.0000**	**605.5141**	**605.5141**	**0.1958**		**610.4100**

3.4 Import Material to Balance Site - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1702	5.4397	1.8533	0.0255	6.4635	0.0103	6.4737	0.7532	9.8100e-003	0.7630		2,771.7995	2,771.7995	0.1858		2,776.4453
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.3607	1.6000e-004	0.3609	0.0383	1.5000e-004	0.0385		50.6993	50.6993	2.9000e-003		50.7718
Worker	0.0233	0.0134	0.1611	5.6000e-004	1.0994	4.6000e-004	1.0999	0.1206	4.2000e-004	0.1210		55.7774	55.7774	1.2400e-003		55.8084
Total	**0.1975**	**5.5887**	**2.0556**	**0.0265**	**7.9236**	**0.0109**	**7.9345**	**0.9121**	**0.0104**	**0.9224**		**2,878.2761**	**2,878.2761**	**0.1900**		**2,883.0255**

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631		2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**1.5908**	**0.5034**	**2.0941**	**0.1718**	**0.4631**	**0.6349**		**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

3.5 Finish Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.5812	1.6000e-004	0.5814	0.0604	1.5000e-004	0.0605		50.6993	50.6993	2.9000e-003		50.7718
Worker	0.0466	0.0268	0.3222	1.1200e-003	3.5075	9.2000e-004	3.5084	0.3720	8.5000e-004	0.3728		111.5547	111.5547	2.4800e-003		111.6167
Total	**0.0506**	**0.1625**	**0.3634**	**1.5900e-003**	**4.0887**	**1.0800e-003**	**4.0898**	**0.4323**	**1.0000e-003**	**0.4333**		**162.2540**	**162.2540**	**5.3800e-003**		**162.3885**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	0.3654	5.8925	11.8763	0.0223		0.0365	0.0365		0.0365	0.0365	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**0.3654**	**5.8925**	**11.8763**	**0.0223**	**0.7158**	**0.0365**	**0.7524**	**0.0773**	**0.0365**	**0.1138**	**0.0000**	**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

3.5 Finish Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0100e-003	0.1357	0.0411	4.7000e-004	0.3607	1.6000e-004	0.3609	0.0383	1.5000e-004	0.0385		50.6993	50.6993	2.9000e-003		50.7718
Worker	0.0466	0.0268	0.3222	1.1200e-003	2.1989	9.2000e-004	2.1998	0.2411	8.5000e-004	0.2420		111.5547	111.5547	2.4800e-003		111.6167
Total	**0.0506**	**0.1625**	**0.3634**	**1.5900e-003**	**2.5596**	**1.0800e-003**	**2.5607**	**0.2794**	**1.0000e-003**	**0.2804**		**162.2540**	**162.2540**	**5.3800e-003**		**162.3885**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**		**2,738.7124**	**2,738.7124**	**0.6635**		**2,755.3009**

3.6 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1084	3.6642	1.1108	0.0128	15.6924	4.2900e-003	15.6967	1.6299	4.1000e-003	1.6340		1,368.8813	1,368.8813	0.0783		1,370.8387
Worker	0.5514	0.3167	3.8129	0.0132	41.5051	0.0109	41.5160	4.4016	0.0100	4.4117		1,320.0640	1,320.0640	0.0294		1,320.7980
Total	**0.6597**	**3.9809**	**4.9236**	**0.0260**	**57.1975**	**0.0152**	**57.2127**	**6.0315**	**0.0141**	**6.0457**		**2,688.9453**	**2,688.9453**	**0.1077**		**2,691.6367**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

3.6 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1084	3.6642	1.1108	0.0128	9.7390	4.2900e-003	9.7433	1.0346	4.1000e-003	1.0387		1,368.8813	1,368.8813	0.0783		1,370.8387
Worker	0.5514	0.3167	3.8129	0.0132	26.0199	0.0109	26.0308	2.8531	0.0100	2.8632		1,320.0640	1,320.0640	0.0294		1,320.7980
Total	**0.6597**	**3.9809**	**4.9236**	**0.0260**	**35.7589**	**0.0152**	**35.7741**	**3.8877**	**0.0141**	**3.9018**		**2,688.9453**	**2,688.9453**	**0.1077**		**2,691.6367**

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

3.6 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1056	3.6322	1.0817	0.0127	15.6924	4.2100e-003	15.6967	1.6299	4.0300e-003	1.6339		1,361.3317	1,361.3317	0.0770		1,363.2560
Worker	0.5252	0.2895	3.5401	0.0127	41.5051	0.0107	41.5158	4.4016	9.8500e-003	4.4115		1,268.0650	1,268.0650	0.0267		1,268.7336
Total	**0.6308**	**3.9217**	**4.6218**	**0.0254**	**57.1975**	**0.0149**	**57.2124**	**6.0315**	**0.0139**	**6.0454**		**2,629.3966**	**2,629.3966**	**0.1037**		**2,631.9896**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0289		0.0877	0.0877		0.0877	0.0877	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**0.5714**	**11.6107**	**19.1360**	**0.0289**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

3.6 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1056	3.6322	1.0817	0.0127	9.7390	4.2100e-003	9.7432	1.0346	4.0300e-003	1.0386		1,361.3317	1,361.3317	0.0770		1,363.2560
Worker	0.5252	0.2895	3.5401	0.0127	26.0199	0.0107	26.0306	2.8531	9.8500e-003	2.8630		1,268.0650	1,268.0650	0.0267		1,268.7336
Total	**0.6308**	**3.9217**	**4.6218**	**0.0254**	**35.7589**	**0.0149**	**35.7738**	**3.8877**	**0.0139**	**3.9016**		**2,629.3966**	**2,629.3966**	**0.1037**		**2,631.9896**

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563		3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**		**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

3.7 Wet Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	1.1624	3.2000e-004	1.1627	0.1207	3.0000e-004	0.1210		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1941	0.1115	1.3426	4.6600e-003	14.6145	3.8400e-003	14.6183	1.5499	3.5400e-003	1.5534		464.8113	464.8113	0.0103		465.0697
Total	**0.2022**	**0.3829**	**1.4248**	**5.6100e-003**	**15.7769**	**4.1600e-003**	**15.7810**	**1.6706**	**3.8400e-003**	**1.6744**		**566.2099**	**566.2099**	**0.0161**		**566.6133**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5361	12.8647	23.1405	0.0343		0.0562	0.0562		0.0562	0.0562	0.0000	3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**0.5361**	**12.8647**	**23.1405**	**0.0343**		**0.0562**	**0.0562**		**0.0562**	**0.0562**	**0.0000**	**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

3.7 Wet Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	0.7214	3.2000e-004	0.7217	0.0766	3.0000e-004	0.0769		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1941	0.1115	1.3426	4.6600e-003	9.1619	3.8400e-003	9.1658	1.0046	3.5400e-003	1.0082		464.8113	464.8113	0.0103		465.0697
Total	**0.2022**	**0.3829**	**1.4248**	**5.6100e-003**	**9.8834**	**4.1600e-003**	**9.8875**	**1.0812**	**3.8400e-003**	**1.0851**		**566.2099**	**566.2099**	**0.0161**		**566.6133**

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656		1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**		**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

3.8 Dry Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	1.1624	3.2000e-004	1.1627	0.1207	3.0000e-004	0.1210		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1010	0.0580	0.6981	2.4200e-003	7.5995	2.0000e-003	7.6015	0.8059	1.8400e-003	0.8078		241.7019	241.7019	5.3800e-003		241.8363
Total	**0.1090**	**0.3294**	**0.7804**	**3.3700e-003**	**8.7619**	**2.3200e-003**	**8.7642**	**0.9267**	**2.1400e-003**	**0.9288**		**343.1005**	**343.1005**	**0.0112**		**343.3799**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3455	6.0346	11.3865	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.3455**	**6.0346**	**11.3865**	**0.0188**		**0.0308**	**0.0308**		**0.0308**	**0.0308**	**0.0000**	**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

3.8 Dry Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.0300e-003	0.2714	0.0823	9.5000e-004	0.7214	3.2000e-004	0.7217	0.0766	3.0000e-004	0.0769		101.3986	101.3986	5.8000e-003		101.5436
Worker	0.1010	0.0580	0.6981	2.4200e-003	4.7642	2.0000e-003	4.7662	0.5224	1.8400e-003	0.5242		241.7019	241.7019	5.3800e-003		241.8363
Total	**0.1090**	**0.3294**	**0.7804**	**3.3700e-003**	**5.4856**	**2.3200e-003**	**5.4879**	**0.5990**	**2.1400e-003**	**0.6012**		**343.1005**	**343.1005**	**0.0112**		**343.3799**

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960		4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**		**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

3.9 Surface Improvements - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1806	6.1070	1.8513	0.0213	26.1541	7.1600e-003	26.1612	2.7165	6.8400e-003	2.7234		2,281.4688	2,281.4688	0.1305		2,284.7312
Worker	0.0854	0.0491	0.5907	2.0500e-003	6.4304	1.6900e-003	6.4321	0.6819	1.5600e-003	0.6835		204.5170	204.5170	4.5500e-003		204.6307
Total	**0.2660**	**6.1561**	**2.4420**	**0.0234**	**32.5844**	**8.8500e-003**	**32.5933**	**3.3985**	**8.4000e-003**	**3.4069**		**2,485.9858**	**2,485.9858**	**0.1350**		**2,489.3618**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7605	17.1464	31.2316	0.0477		0.0781	0.0781		0.0781	0.0781	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0880**	**17.1464**	**31.2316**	**0.0477**		**0.0781**	**0.0781**		**0.0781**	**0.0781**	**0.0000**	**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

3.9 Surface Improvements - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1806	6.1070	1.8513	0.0213	16.2317	7.1600e-003	16.2388	1.7243	6.8400e-003	1.7311		2,281.4688	2,281.4688	0.1305		2,284.7312
Worker	0.0854	0.0491	0.5907	2.0500e-003	4.0313	1.6900e-003	4.0329	0.4420	1.5600e-003	0.4436		204.5170	204.5170	4.5500e-003		204.6307
Total	**0.2660**	**6.1561**	**2.4420**	**0.0234**	**20.2629**	**8.8500e-003**	**20.2718**	**2.1663**	**8.4000e-003**	**2.1747**		**2,485.9858**	**2,485.9858**	**0.1350**		**2,489.3618**

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.10 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9100e-003	0.1345	0.0401	4.7000e-004	0.5812	1.6000e-004	0.5814	0.0604	1.5000e-004	0.0605		50.4197	50.4197	2.8500e-003		50.4910
Worker	0.1036	0.0571	0.6981	2.5100e-003	8.1841	2.1100e-003	8.1862	0.8679	1.9400e-003	0.8699		250.0410	250.0410	5.2700e-003		250.1728
Total	**0.1075**	**0.1916**	**0.7381**	**2.9800e-003**	**8.7653**	**2.2700e-003**	**8.7676**	**0.9283**	**2.0900e-003**	**0.9304**		**300.4607**	**300.4607**	**8.1200e-003**		**300.6638**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**52.2769**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.10 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9100e-003	0.1345	0.0401	4.7000e-004	0.3607	1.6000e-004	0.3609	0.0383	1.5000e-004	0.0385		50.4197	50.4197	2.8500e-003		50.4910
Worker	0.1036	0.0571	0.6981	2.5100e-003	5.1307	2.1100e-003	5.1328	0.5626	1.9400e-003	0.5645		250.0410	250.0410	5.2700e-003		250.1728
Total	**0.1075**	**0.1916**	**0.7381**	**2.9800e-003**	**5.4914**	**2.2700e-003**	**5.4937**	**0.6009**	**2.0900e-003**	**0.6030**		**300.4607**	**300.4607**	**8.1200e-003**		**300.6638**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Unmitigated	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
NaturalGas Unmitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3161.46	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.16146	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Unmitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre LST

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment -

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Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	30.00	20.00

tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20

tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripNumber	441.00	0.00
tblTripsAndVMT	VendorTripNumber	63.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	166.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	0.00
tblTripsAndVMT	WorkerTripNumber	33.00	0.00

tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	7.8777	80.5172	56.7682	0.1519	9.3685	3.2010	12.5695	2.6088	2.9450	5.5538	0.0000	14,702.5809	14,702.5809	4.7551	0.0000	14,821.4587
2025	53.8881	14.8937	19.5500	0.0328	0.0000	0.6334	0.6334	0.0000	0.5991	0.5991	0.0000	3,114.8627	3,114.8627	0.6806	0.0000	3,131.8788
Maximum	**53.8881**	**80.5172**	**56.7682**	**0.1519**	**9.3685**	**3.2010**	**12.5695**	**2.6088**	**2.9450**	**5.5538**	**0.0000**	**14,702.5809**	**14,702.5809**	**4.7551**	**0.0000**	**14,821.4587**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	7.8777	80.5172	56.7682	0.1519	4.2158	3.2010	7.4168	1.1740	2.9450	4.1189	0.0000	14,702.5809	14,702.5809	4.7551	0.0000	14,821.4587
2025	53.8881	14.8937	19.5500	0.0328	0.0000	0.6334	0.6334	0.0000	0.5991	0.5991	0.0000	3,114.8626	3,114.8626	0.6806	0.0000	3,131.8788
Maximum	**53.8881**	**80.5172**	**56.7682**	**0.1519**	**4.2158**	**3.2010**	**7.4168**	**1.1740**	**2.9450**	**4.1189**	**0.0000**	**14,702.5809**	**14,702.5809**	**4.7551**	**0.0000**	**14,821.4587**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**55.00**	**0.00**	**39.03**	**55.00**	**0.00**	**23.32**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Total	**15.2054**	**3.7778**	**32.2158**	**0.0881**	**2.9137**	**3.2726**	**6.1863**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,356.0425**	**4,749.4531**	**1.3181**	**0.0335**	**4,792.3956**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Total	**15.2054**	**3.7778**	**32.2158**	**0.0881**	**2.9137**	**3.2726**	**6.1863**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,356.0425**	**4,749.4531**	**1.3181**	**0.0335**	**4,792.3956**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43

Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36

Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36
Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0605	0.0000	1.0605	0.1145	0.0000	0.1145			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003		1,819.0686	1,819.0686	0.5883		1,833.7767
Total	**0.9921**	**10.9445**	**6.6407**	**0.0188**	**1.0605**	**0.4351**	**1.4956**	**0.1145**	**0.4003**	**0.5148**		**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7767**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Clear & Grub - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766
Total	**0.9921**	**10.9445**	**6.6407**	**0.0188**	**0.4772**	**0.4351**	**0.9123**	**0.0515**	**0.4003**	**0.4518**	**0.0000**	**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7766**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.3400	0.0000	9.3400	2.6045	0.0000	2.6045			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.0668	14,097.0668	4.5593		14,211.0487
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**9.3400**	**3.1232**	**12.4631**	**2.6045**	**2.8733**	**5.4778**		**14,097.0668**	**14,097.0668**	**4.5593**		**14,211.0487**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2030	0.0000	4.2030	1.1720	0.0000	1.1720			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733	0.0000	14,097.0667	14,097.0667	4.5593		14,211.0487
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**4.2030**	**3.1232**	**7.3261**	**1.1720**	**2.8733**	**4.0453**	**0.0000**	**14,097.0667**	**14,097.0667**	**4.5593**		**14,211.0487**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0285	0.0000	0.0285	4.3200e-003	0.0000	4.3200e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717		605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0285**	**0.0779**	**0.1064**	**4.3200e-003**	**0.0717**	**0.0760**		**605.5141**	**605.5141**	**0.1958**		**610.4100**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0128	0.0000	0.0128	1.9400e-003	0.0000	1.9400e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717	0.0000	605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0128**	**0.0779**	**0.0907**	**1.9400e-003**	**0.0717**	**0.0736**	**0.0000**	**605.5141**	**605.5141**	**0.1958**		**610.4100**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631		2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**1.5908**	**0.5034**	**2.0941**	**0.1718**	**0.4631**	**0.6349**		**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Finish Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**0.7158**	**0.5034**	**1.2192**	**0.0773**	**0.4631**	**0.5404**	**0.0000**	**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**		**2,738.7124**	**2,738.7124**	**0.6635**		**2,755.3009**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563		3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**		**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Wet Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563	0.0000	3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**	**0.0000**	**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656		1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**		**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.8 Dry Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656	0.0000	1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**	**0.0000**	**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960		4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**		**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.9 Surface Improvements - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**	**0.0000**	**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.10 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Unmitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
NaturalGas Unmitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3161.46	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.16146	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Unmitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre LST

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	30.00	20.00

tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20

tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripNumber	441.00	0.00
tblTripsAndVMT	VendorTripNumber	63.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	166.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	0.00
tblTripsAndVMT	WorkerTripNumber	33.00	0.00

tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	7.8777	80.5172	56.7682	0.1519	9.3685	3.2010	12.5695	2.6088	2.9450	5.5538	0.0000	14,702.5809	14,702.5809	4.7551	0.0000	14,821.4587
2025	53.8881	14.8937	19.5500	0.0328	0.0000	0.6334	0.6334	0.0000	0.5991	0.5991	0.0000	3,114.8627	3,114.8627	0.6806	0.0000	3,131.8788
Maximum	**53.8881**	**80.5172**	**56.7682**	**0.1519**	**9.3685**	**3.2010**	**12.5695**	**2.6088**	**2.9450**	**5.5538**	**0.0000**	**14,702.5809**	**14,702.5809**	**4.7551**	**0.0000**	**14,821.4587**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	7.8777	80.5172	56.7682	0.1519	4.2158	3.2010	7.4168	1.1740	2.9450	4.1189	0.0000	14,702.5809	14,702.5809	4.7551	0.0000	14,821.4587
2025	53.8881	14.8937	19.5500	0.0328	0.0000	0.6334	0.6334	0.0000	0.5991	0.5991	0.0000	3,114.8626	3,114.8626	0.6806	0.0000	3,131.8788
Maximum	**53.8881**	**80.5172**	**56.7682**	**0.1519**	**4.2158**	**3.2010**	**7.4168**	**1.1740**	**2.9450**	**4.1189**	**0.0000**	**14,702.5809**	**14,702.5809**	**4.7551**	**0.0000**	**14,821.4587**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**55.00**	**0.00**	**39.03**	**55.00**	**0.00**	**23.32**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Total	**15.1760**	**3.8181**	**31.7149**	**0.0864**	**2.9137**	**3.2727**	**6.1864**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,189.6937**	**4,583.1042**	**1.3183**	**0.0335**	**4,626.0495**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Total	**15.1760**	**3.8181**	**31.7149**	**0.0864**	**2.9137**	**3.2727**	**6.1864**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,189.6937**	**4,583.1042**	**1.3183**	**0.0335**	**4,626.0495**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43

Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36

Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36
Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0605	0.0000	1.0605	0.1145	0.0000	0.1145			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003		1,819.0686	1,819.0686	0.5883		1,833.7767
Total	**0.9921**	**10.9445**	**6.6407**	**0.0188**	**1.0605**	**0.4351**	**1.4956**	**0.1145**	**0.4003**	**0.5148**		**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7767**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.2 Clear & Grub - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766
Total	**0.9921**	**10.9445**	**6.6407**	**0.0188**	**0.4772**	**0.4351**	**0.9123**	**0.0515**	**0.4003**	**0.4518**	**0.0000**	**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7766**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.3400	0.0000	9.3400	2.6045	0.0000	2.6045			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.0668	14,097.0668	4.5593		14,211.0487
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**9.3400**	**3.1232**	**12.4631**	**2.6045**	**2.8733**	**5.4778**		**14,097.0668**	**14,097.0668**	**4.5593**		**14,211.0487**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2030	0.0000	4.2030	1.1720	0.0000	1.1720			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733	0.0000	14,097.0667	14,097.0667	4.5593		14,211.0487
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**4.2030**	**3.1232**	**7.3261**	**1.1720**	**2.8733**	**4.0453**	**0.0000**	**14,097.0667**	**14,097.0667**	**4.5593**		**14,211.0487**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0285	0.0000	0.0285	4.3200e-003	0.0000	4.3200e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717		605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0285**	**0.0779**	**0.1064**	**4.3200e-003**	**0.0717**	**0.0760**		**605.5141**	**605.5141**	**0.1958**		**610.4100**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0128	0.0000	0.0128	1.9400e-003	0.0000	1.9400e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717	0.0000	605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0128**	**0.0779**	**0.0907**	**1.9400e-003**	**0.0717**	**0.0736**	**0.0000**	**605.5141**	**605.5141**	**0.1958**		**610.4100**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631		2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**1.5908**	**0.5034**	**2.0941**	**0.1718**	**0.4631**	**0.6349**		**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Finish Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**0.7158**	**0.5034**	**1.2192**	**0.0773**	**0.4631**	**0.5404**	**0.0000**	**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**		**2,738.7124**	**2,738.7124**	**0.6635**		**2,755.3009**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563		3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**		**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Wet Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563	0.0000	3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**	**0.0000**	**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656		1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**		**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.8 Dry Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656	0.0000	1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**	**0.0000**	**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960		4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**		**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.9 Surface Improvements - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**	**0.0000**	**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.10 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Unmitigated	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
NaturalGas Unmitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3161.46	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.16146	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Unmitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre LST Mitigated

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Summer

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	10.00	2.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripNumber	441.00	0.00
tblTripsAndVMT	VendorTripNumber	63.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	166.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00

tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	0.00
tblTripsAndVMT	WorkerTripNumber	33.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	7.8777	80.5172	56.7682	0.1519	9.3685	3.2010	12.5695	2.6088	2.9450	5.5538	0.0000	14,702.5809	14,702.5809	4.7551	0.0000	14,821.4587
2025	53.8881	14.8937	19.5500	0.0328	0.0000	0.6334	0.6334	0.0000	0.5991	0.5991	0.0000	3,114.8627	3,114.8627	0.6806	0.0000	3,131.8788
Maximum	**53.8881**	**80.5172**	**56.7682**	**0.1519**	**9.3685**	**3.2010**	**12.5695**	**2.6088**	**2.9450**	**5.5538**	**0.0000**	**14,702.5809**	**14,702.5809**	**4.7551**	**0.0000**	**14,821.4587**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.4882	40.1222	80.8664	0.1519	4.2158	0.2488	4.4646	1.1740	0.2488	1.4228	0.0000	14,702.5809	14,702.5809	4.7551	0.0000	14,821.4587
2025	52.8483	13.0238	21.5793	0.0328	0.0000	0.0930	0.0930	0.0000	0.0930	0.0930	0.0000	3,114.8626	3,114.8626	0.6806	0.0000	3,131.8788
Maximum	**52.8483**	**40.1222**	**80.8664**	**0.1519**	**4.2158**	**0.2488**	**4.4646**	**1.1740**	**0.2488**	**1.4228**	**0.0000**	**14,702.5809**	**14,702.5809**	**4.7551**	**0.0000**	**14,821.4587**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**10.41**	**44.30**	**-34.23**	**0.00**	**55.00**	**91.09**	**65.48**	**55.00**	**90.36**	**75.37**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Total	**15.2054**	**3.7778**	**32.2158**	**0.0881**	**2.9137**	**3.2726**	**6.1863**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,356.0425**	**4,749.4531**	**1.3181**	**0.0335**	**4,792.3956**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Total	**15.2054**	**3.7778**	**32.2158**	**0.0881**	**2.9137**	**3.2726**	**6.1863**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,356.0425**	**4,749.4531**	**1.3181**	**0.0335**	**4,792.3956**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43

Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36

Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36
Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0605	0.0000	1.0605	0.1145	0.0000	0.1145			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003		1,819.0686	1,819.0686	0.5883		1,833.7767
Total	**0.9921**	**10.9445**	**6.6407**	**0.0188**	**1.0605**	**0.4351**	**1.4956**	**0.1145**	**0.4003**	**0.5148**		**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7767**

3.2 Clear & Grub - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.3269	5.5027	10.7026	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766
Total	**0.3269**	**5.5027**	**10.7026**	**0.0188**	**0.4772**	**0.0308**	**0.5080**	**0.0515**	**0.0308**	**0.0823**	**0.0000**	**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7766**

3.2 Clear & Grub - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.3400	0.0000	9.3400	2.6045	0.0000	2.6045			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.0668	14,097.0668	4.5593		14,211.0487
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**9.3400**	**3.1232**	**12.4631**	**2.6045**	**2.8733**	**5.4778**		**14,097.0668**	**14,097.0668**	**4.5593**		**14,211.0487**

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2030	0.0000	4.2030	1.1720	0.0000	1.1720			0.0000			0.0000
Off-Road	2.3851	38.4595	77.5152	0.1456		0.2385	0.2385		0.2385	0.2385	0.0000	14,097.0667	14,097.0667	4.5593		14,211.0487
Total	**2.3851**	**38.4595**	**77.5152**	**0.1456**	**4.2030**	**0.2385**	**4.4415**	**1.1720**	**0.2385**	**1.4105**	**0.0000**	**14,097.0667**	**14,097.0667**	**4.5593**		**14,211.0487**

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0285	0.0000	0.0285	4.3200e-003	0.0000	4.3200e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717		605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0285**	**0.0779**	**0.1064**	**4.3200e-003**	**0.0717**	**0.0760**		**605.5141**	**605.5141**	**0.1958**		**610.4100**

3.4 Import Material to Balance Site - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0128	0.0000	0.0128	1.9400e-003	0.0000	1.9400e-003			0.0000			0.0000
Off-Road	0.1031	1.6627	3.3512	6.2600e-003		0.0103	0.0103		0.0103	0.0103	0.0000	605.5141	605.5141	0.1958		610.4100
Total	**0.1031**	**1.6627**	**3.3512**	**6.2600e-003**	**0.0128**	**0.0103**	**0.0231**	**1.9400e-003**	**0.0103**	**0.0123**	**0.0000**	**605.5141**	**605.5141**	**0.1958**		**610.4100**

3.4 Import Material to Balance Site - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631		2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**1.5908**	**0.5034**	**2.0941**	**0.1718**	**0.4631**	**0.6349**		**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

3.5 Finish Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	0.3654	5.8925	11.8763	0.0223		0.0365	0.0365		0.0365	0.0365	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**0.3654**	**5.8925**	**11.8763**	**0.0223**	**0.7158**	**0.0365**	**0.7524**	**0.0773**	**0.0365**	**0.1138**	**0.0000**	**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

3.5 Finish Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**		**2,738.7124**	**2,738.7124**	**0.6635**		**2,755.3009**

3.6 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

3.6 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

3.6 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0289		0.0877	0.0877		0.0877	0.0877	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**0.5714**	**11.6107**	**19.1360**	**0.0289**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

3.6 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563		3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**		**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

3.7 Wet Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5361	12.8647	23.1405	0.0343		0.0562	0.0562		0.0562	0.0562	0.0000	3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**0.5361**	**12.8647**	**23.1405**	**0.0343**		**0.0562**	**0.0562**		**0.0562**	**0.0562**	**0.0000**	**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

3.7 Wet Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656		1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**		**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

3.8 Dry Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3455	6.0346	11.3865	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.3455**	**6.0346**	**11.3865**	**0.0188**		**0.0308**	**0.0308**		**0.0308**	**0.0308**	**0.0000**	**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

3.8 Dry Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960		4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**		**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

3.9 Surface Improvements - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7605	17.1464	31.2316	0.0477		0.0781	0.0781		0.0781	0.0781	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0880**	**17.1464**	**31.2316**	**0.0477**		**0.0781**	**0.0781**		**0.0781**	**0.0781**	**0.0000**	**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

3.9 Surface Improvements - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.10 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**52.2769**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.10 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600
Unmitigated	0.5490	2.5751	7.2701	0.0316	2.9137	0.0215	2.9353	0.7794	0.0200	0.7994		3,221.8651	3,221.8651	0.1318		3,225.1600

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
NaturalGas Unmitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3161.46	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.16146	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Unmitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre LST Mitigated

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

The Meadows at Sierra Madre LST Mitigated - South Coast AQMD Air District, Winter

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	10.00	2.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripNumber	441.00	0.00
tblTripsAndVMT	VendorTripNumber	63.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	166.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00

tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	0.00
tblTripsAndVMT	WorkerTripNumber	33.00	0.00
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	7.8777	80.5172	56.7682	0.1519	9.3685	3.2010	12.5695	2.6088	2.9450	5.5538	0.0000	14,702.5809	14,702.5809	4.7551	0.0000	14,821.4587
2025	53.8881	14.8937	19.5500	0.0328	0.0000	0.6334	0.6334	0.0000	0.5991	0.5991	0.0000	3,114.8627	3,114.8627	0.6806	0.0000	3,131.8788
Maximum	**53.8881**	**80.5172**	**56.7682**	**0.1519**	**9.3685**	**3.2010**	**12.5695**	**2.6088**	**2.9450**	**5.5538**	**0.0000**	**14,702.5809**	**14,702.5809**	**4.7551**	**0.0000**	**14,821.4587**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.4882	40.1222	80.8664	0.1519	4.2158	0.2488	4.4646	1.1740	0.2488	1.4228	0.0000	14,702.5809	14,702.5809	4.7551	0.0000	14,821.4587
2025	52.8483	13.0238	21.5793	0.0328	0.0000	0.0930	0.0930	0.0000	0.0930	0.0930	0.0000	3,114.8626	3,114.8626	0.6806	0.0000	3,131.8788
Maximum	**52.8483**	**40.1222**	**80.8664**	**0.1519**	**4.2158**	**0.2488**	**4.4646**	**1.1740**	**0.2488**	**1.4228**	**0.0000**	**14,702.5809**	**14,702.5809**	**4.7551**	**0.0000**	**14,821.4587**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**10.41**	**44.30**	**-34.23**	**0.00**	**55.00**	**91.09**	**65.48**	**55.00**	**90.36**	**75.37**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Total	**15.1760**	**3.8181**	**31.7149**	**0.0864**	**2.9137**	**3.2727**	**6.1864**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,189.6937**	**4,583.1042**	**1.3183**	**0.0335**	**4,626.0495**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Energy	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Mobile	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Total	**15.1760**	**3.8181**	**31.7149**	**0.0864**	**2.9137**	**3.2727**	**6.1864**	**0.7794**	**3.2711**	**4.0505**	**393.4106**	**4,189.6937**	**4,583.1042**	**1.3183**	**0.0335**	**4,626.0495**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43

Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40
Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36

Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36
Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0605	0.0000	1.0605	0.1145	0.0000	0.1145			0.0000			0.0000
Off-Road	0.9921	10.9445	6.6407	0.0188		0.4351	0.4351		0.4003	0.4003		1,819.0686	1,819.0686	0.5883		1,833.7767
Total	**0.9921**	**10.9445**	**6.6407**	**0.0188**	**1.0605**	**0.4351**	**1.4956**	**0.1145**	**0.4003**	**0.5148**		**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7767**

3.2 Clear & Grub - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4772	0.0000	0.4772	0.0515	0.0000	0.0515			0.0000			0.0000
Off-Road	0.3269	5.5027	10.7026	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,819.0686	1,819.0686	0.5883		1,833.7766
Total	**0.3269**	**5.5027**	**10.7026**	**0.0188**	**0.4772**	**0.0308**	**0.5080**	**0.0515**	**0.0308**	**0.0823**	**0.0000**	**1,819.0686**	**1,819.0686**	**0.5883**		**1,833.7766**

3.2 Clear & Grub - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.3400	0.0000	9.3400	2.6045	0.0000	2.6045			0.0000			0.0000
Off-Road	7.6238	78.1894	55.2722	0.1456		3.1232	3.1232		2.8733	2.8733		14,097.0668	14,097.0668	4.5593		14,211.0487
Total	**7.6238**	**78.1894**	**55.2722**	**0.1456**	**9.3400**	**3.1232**	**12.4631**	**2.6045**	**2.8733**	**5.4778**		**14,097.0668**	**14,097.0668**	**4.5593**		**14,211.0487**

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2030	0.0000	4.2030	1.1720	0.0000	1.1720			0.0000			0.0000
Off-Road	2.3851	38.4595	77.5152	0.1456		0.2385	0.2385		0.2385	0.2385	0.0000	14,097.0667	14,097.0667	4.5593		14,211.0487
Total	**2.3851**	**38.4595**	**77.5152**	**0.1456**	**4.2030**	**0.2385**	**4.4415**	**1.1720**	**0.2385**	**1.4105**	**0.0000**	**14,097.0667**	**14,097.0667**	**4.5593**		**14,211.0487**

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0285	0.0000	0.0285	4.3200e-003	0.0000	4.3200e-003			0.0000			0.0000
Off-Road	0.2540	2.3278	1.4960	6.2600e-003		0.0779	0.0779		0.0717	0.0717		605.5141	605.5141	0.1958		610.4100
Total	**0.2540**	**2.3278**	**1.4960**	**6.2600e-003**	**0.0285**	**0.0779**	**0.1064**	**4.3200e-003**	**0.0717**	**0.0760**		**605.5141**	**605.5141**	**0.1958**		**610.4100**

3.4 Import Material to Balance Site - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0128	0.0000	0.0128	1.9400e-003	0.0000	1.9400e-003			0.0000			0.0000
Off-Road	0.1031	1.6627	3.3512	6.2600e-003		0.0103	0.0103		0.0103	0.0103	0.0000	605.5141	605.5141	0.1958		610.4100
Total	**0.1031**	**1.6627**	**3.3512**	**6.2600e-003**	**0.0128**	**0.0103**	**0.0231**	**1.9400e-003**	**0.0103**	**0.0123**	**0.0000**	**605.5141**	**605.5141**	**0.1958**		**610.4100**

3.4 Import Material to Balance Site - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5908	0.0000	1.5908	0.1718	0.0000	0.1718			0.0000			0.0000
Off-Road	1.2027	13.6519	6.0615	0.0223		0.5034	0.5034		0.4631	0.4631		2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**1.2027**	**13.6519**	**6.0615**	**0.0223**	**1.5908**	**0.5034**	**2.0941**	**0.1718**	**0.4631**	**0.6349**		**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

3.5 Finish Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7158	0.0000	0.7158	0.0773	0.0000	0.0773			0.0000			0.0000
Off-Road	0.3654	5.8925	11.8763	0.0223		0.0365	0.0365		0.0365	0.0365	0.0000	2,157.8093	2,157.8093	0.6979		2,175.2563
Total	**0.3654**	**5.8925**	**11.8763**	**0.0223**	**0.7158**	**0.0365**	**0.7524**	**0.0773**	**0.0365**	**0.1138**	**0.0000**	**2,157.8093**	**2,157.8093**	**0.6979**		**2,175.2563**

3.5 Finish Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5670	14.4249	17.2270	0.0288		0.6565	0.6565		0.6166	0.6166		2,738.7124	2,738.7124	0.6635		2,755.3009
Total	**1.5670**	**14.4249**	**17.2270**	**0.0288**		**0.6565**	**0.6565**		**0.6166**	**0.6166**		**2,738.7124**	**2,738.7124**	**0.6635**		**2,755.3009**

3.6 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0288		0.0877	0.0877		0.0877	0.0877	0.0000	2,738.7123	2,738.7123	0.6635		2,755.3009
Total	**0.5714**	**11.6107**	**19.1360**	**0.0288**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,738.7123**	**2,738.7123**	**0.6635**		**2,755.3009**

3.6 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4560	13.3663	17.1378	0.0289		0.5647	0.5647		0.5304	0.5304		2,739.5986	2,739.5986	0.6602		2,756.1030
Total	**1.4560**	**13.3663**	**17.1378**	**0.0289**		**0.5647**	**0.5647**		**0.5304**	**0.5304**		**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1030**

3.6 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5714	11.6107	19.1360	0.0289		0.0877	0.0877		0.0877	0.0877	0.0000	2,739.5986	2,739.5986	0.6602		2,756.1029
Total	**0.5714**	**11.6107**	**19.1360**	**0.0289**		**0.0877**	**0.0877**		**0.0877**	**0.0877**	**0.0000**	**2,739.5986**	**2,739.5986**	**0.6602**		**2,756.1029**

3.6 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3366	11.7605	17.2584	0.0343		0.4960	0.4960		0.4563	0.4563		3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**1.3366**	**11.7605**	**17.2584**	**0.0343**		**0.4960**	**0.4960**		**0.4563**	**0.4563**		**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

3.7 Wet Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5361	12.8647	23.1405	0.0343		0.0562	0.0562		0.0562	0.0562	0.0000	3,315.3578	3,315.3578	1.0723		3,342.1642
Total	**0.5361**	**12.8647**	**23.1405**	**0.0343**		**0.0562**	**0.0562**		**0.0562**	**0.0562**	**0.0000**	**3,315.3578**	**3,315.3578**	**1.0723**		**3,342.1642**

3.7 Wet Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7958	7.5520	7.4633	0.0188		0.2887	0.2887		0.2656	0.2656		1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.7958**	**7.5520**	**7.4633**	**0.0188**		**0.2887**	**0.2887**		**0.2656**	**0.2656**		**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

3.8 Dry Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3455	6.0346	11.3865	0.0188		0.0308	0.0308		0.0308	0.0308	0.0000	1,814.5617	1,814.5617	0.5869		1,829.2334
Total	**0.3455**	**6.0346**	**11.3865**	**0.0188**		**0.0308**	**0.0308**		**0.0308**	**0.0308**	**0.0000**	**1,814.5617**	**1,814.5617**	**0.5869**		**1,829.2334**

3.8 Dry Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2467	22.8242	24.4848	0.0477		0.9739	0.9739		0.8960	0.8960		4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.5742**	**22.8242**	**24.4848**	**0.0477**		**0.9739**	**0.9739**		**0.8960**	**0.8960**		**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

3.9 Surface Improvements - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7605	17.1464	31.2316	0.0477		0.0781	0.0781		0.0781	0.0781	0.0000	4,618.9194	4,618.9194	1.4939		4,656.2657
Paving	0.3275					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0880**	**17.1464**	**31.2316**	**0.0477**		**0.0781**	**0.0781**		**0.0781**	**0.0781**	**0.0000**	**4,618.9194**	**4,618.9194**	**1.4939**		**4,656.2657**

3.9 Surface Improvements - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2278	1.5273	2.4122	3.9600e-003		0.0687	0.0687		0.0687	0.0687		375.2641	375.2641	0.0205		375.7758
Total	**52.4321**	**1.5273**	**2.4122**	**3.9600e-003**		**0.0687**	**0.0687**		**0.0687**	**0.0687**		**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.10 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.2042					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0205		375.7758
Total	**52.2769**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**0.0000**	**375.2641**	**375.2641**	**0.0205**		**375.7758**

3.10 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139
Unmitigated	0.5196	2.6154	6.7692	0.0299	2.9137	0.0216	2.9353	0.7794	0.0201	0.7995		3,055.5162	3,055.5162	0.1319		3,058.8139

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
NaturalGas Unmitigated	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3161.46	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.16146	0.0341	0.2914	0.1240	1.8600e-003		0.0236	0.0236		0.0236	0.0236		371.9364	371.9364	7.1300e-003	6.8200e-003	374.1467
Total		**0.0341**	**0.2914**	**0.1240**	**1.8600e-003**		**0.0236**	**0.0236**		**0.0236**	**0.0236**		**371.9364**	**371.9364**	**7.1300e-003**	**6.8200e-003**	**374.1467**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889
Unmitigated	14.6224	0.9113	24.8218	0.0547		3.2275	3.2275		3.2275	3.2275	393.4106	762.2410	1,155.6516	1.1792	0.0267	1,193.0889

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2848					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2280					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	11.0055	0.8714	21.3592	0.0545		3.2083	3.2083		3.2083	3.2083	393.4106	756.0000	1,149.4106	1.1732	0.0267	1,186.6984
Landscaping	0.1040	0.0399	3.4626	1.8000e-004		0.0192	0.0192		0.0192	0.0192		6.2410	6.2410	5.9800e-003		6.3905
Total	**14.6224**	**0.9113**	**24.8218**	**0.0547**		**3.2275**	**3.2275**		**3.2275**	**3.2275**	**393.4106**	**762.2410**	**1,155.6516**	**1.1792**	**0.0267**	**1,193.0889**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

APPENDIX B

Health Risk Assessment

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Res-MitNCChronicRiskSumByRec	1183

The Meadows at Sierra Madre HRA Mitigated

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403. In accordance with mitigation measure MM-AQ-1.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

The Meadows at Sierra Madre HRA Mitigated - South Coast AQMD Air District, Annual

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblGrading	AcresOfGrading	180.00	108.00
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tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
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tblOffRoadEquipment	UsageHours	7.00	8.00
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tblTripsAndVMT	WorkerTripNumber	166.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00

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tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.3502	3.6176	3.4922	7.1700e-003	0.1860	0.1387	0.3247	0.0466	0.1289	0.1755	0.0000	629.1413	629.1413	0.1739	0.0000	633.4879
2025	0.5937	0.7560	0.8389	1.5100e-003	0.0184	0.0267	0.0451	1.9400e-003	0.0251	0.0271	0.0000	131.5951	131.5951	0.0294	0.0000	132.3297
Maximum	**0.5937**	**3.6176**	**3.4922**	**7.1700e-003**	**0.1860**	**0.1387**	**0.3247**	**0.0466**	**0.1289**	**0.1755**	**0.0000**	**629.1413**	**629.1413**	**0.1739**	**0.0000**	**633.4879**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.1324	2.7768	4.3162	7.1700e-003	0.0930	0.0153	0.1083	0.0220	0.0153	0.0374	0.0000	629.1406	629.1406	0.1739	0.0000	633.4872
2025	0.5514	0.6741	0.9312	1.5100e-003	0.0115	4.1200e-003	0.0156	1.2400e-003	4.1100e-003	5.3600e-003	0.0000	131.5949	131.5949	0.0294	0.0000	132.3296
Maximum	**0.5514**	**2.7768**	**4.3162**	**7.1700e-003**	**0.0930**	**0.0153**	**0.1083**	**0.0220**	**0.0153**	**0.0374**	**0.0000**	**629.1406**	**629.1406**	**0.1739**	**0.0000**	**633.4872**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**27.55**	**21.10**	**-21.15**	**0.00**	**48.90**	**88.24**	**66.49**	**52.01**	**87.38**	**78.90**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-5-2024	5-4-2024	1.5338	0.9376
2	5-5-2024	8-4-2024	1.1933	0.9915
3	8-5-2024	11-4-2024	0.8208	0.6470
4	11-5-2024	2-4-2025	0.9290	0.8168
5	2-5-2025	5-4-2025	0.7517	0.6668
6	5-5-2025	8-4-2025	0.0252	0.0214
		Highest	1.5338	0.9915

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Energy	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	171.4224	171.4224	5.7200e-003	2.0700e-003	172.1813
Mobile	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Waste						0.0000	0.0000		0.0000	0.0000	10.0663	0.0000	10.0663	0.5949	0.0000	24.9389
Water						0.0000	0.0000		0.0000	0.0000	0.8682	36.3974	37.2655	0.0907	2.4200e-003	40.2524
Total	**0.8897**	**0.5485**	**1.9643**	**6.5100e-003**	**0.5160**	**0.0507**	**0.5667**	**0.1382**	**0.0504**	**0.1887**	**15.3957**	**724.3047**	**739.7004**	**0.7267**	**4.7900e-003**	**759.2944**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Energy	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	171.4224	171.4224	5.7200e-003	2.0700e-003	172.1813
Mobile	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Waste						0.0000	0.0000		0.0000	0.0000	10.0663	0.0000	10.0663	0.5949	0.0000	24.9389
Water						0.0000	0.0000		0.0000	0.0000	0.8682	36.3974	37.2655	0.0907	2.4200e-003	40.2524
Total	**0.8897**	**0.5485**	**1.9643**	**6.5100e-003**	**0.5160**	**0.0507**	**0.5667**	**0.1382**	**0.0504**	**0.1887**	**15.3957**	**724.3047**	**739.7004**	**0.7267**	**4.7900e-003**	**759.2944**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43
Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40

Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36

Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	0.00	2.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	0.00	2.00	504.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	0.00	2.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	54.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	0.00	90.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	2.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0600e-003	0.0000	1.0600e-003	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9000e-004	0.0109	6.6400e-003	2.0000e-005		4.4000e-004	4.4000e-004		4.0000e-004	4.0000e-004	0.0000	1.6502	1.6502	5.3000e-004	0.0000	1.6636
Total	**9.9000e-004**	**0.0109**	**6.6400e-003**	**2.0000e-005**	**1.0600e-003**	**4.4000e-004**	**1.5000e-003**	**1.1000e-004**	**4.0000e-004**	**5.1000e-004**	**0.0000**	**1.6502**	**1.6502**	**5.3000e-004**	**0.0000**	**1.6636**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.0000e-004	2.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0112	0.0112	0.0000	0.0000	0.0112
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**1.0000e-004**	**2.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0112**	**0.0112**	**0.0000**	**0.0000**	**0.0112**

3.2 Clear & Grub - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.8000e-004	0.0000	4.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3000e-004	5.5000e-003	0.0107	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.6502	1.6502	5.3000e-004	0.0000	1.6636
Total	**3.3000e-004**	**5.5000e-003**	**0.0107**	**2.0000e-005**	**4.8000e-004**	**3.0000e-005**	**5.1000e-004**	**5.0000e-005**	**3.0000e-005**	**8.0000e-005**	**0.0000**	**1.6502**	**1.6502**	**5.3000e-004**	**0.0000**	**1.6636**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.0000e-004	2.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0112	0.0112	0.0000	0.0000	0.0112
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**1.0000e-004**	**2.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0112**	**0.0112**	**0.0000**	**0.0000**	**0.0112**

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1175	0.0000	0.1175	0.0393	0.0000	0.0393	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0762	0.7819	0.5527	1.4600e-003		0.0312	0.0312		0.0287	0.0287	0.0000	127.8864	127.8864	0.0414	0.0000	128.9205
Total	**0.0762**	**0.7819**	**0.5527**	**1.4600e-003**	**0.1175**	**0.0312**	**0.1487**	**0.0393**	**0.0287**	**0.0680**	**0.0000**	**127.8864**	**127.8864**	**0.0414**	**0.0000**	**128.9205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.0200e-003	4.4000e-004	0.0000	2.9000e-004	0.0000	2.9000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.2239	0.2239	3.0000e-005	0.0000	0.2245
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.0200e-003**	**4.4000e-004**	**0.0000**	**2.9000e-004**	**0.0000**	**2.9000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.2239**	**0.2239**	**3.0000e-005**	**0.0000**	**0.2245**

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0529	0.0000	0.0529	0.0177	0.0000	0.0177	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0239	0.3846	0.7752	1.4600e-003		2.3900e-003	2.3900e-003		2.3900e-003	2.3900e-003	0.0000	127.8863	127.8863	0.0414	0.0000	128.9203
Total	**0.0239**	**0.3846**	**0.7752**	**1.4600e-003**	**0.0529**	**2.3900e-003**	**0.0553**	**0.0177**	**2.3900e-003**	**0.0201**	**0.0000**	**127.8863**	**127.8863**	**0.0414**	**0.0000**	**128.9203**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.0200e-003	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2239	0.2239	3.0000e-005	0.0000	0.2245
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.0200e-003**	**4.4000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.2239**	**0.2239**	**3.0000e-005**	**0.0000**	**0.2245**

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0000e-004	0.0000	2.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7800e-003	0.0163	0.0105	4.0000e-005		5.5000e-004	5.5000e-004		5.0000e-004	5.0000e-004	0.0000	3.8452	3.8452	1.2400e-003	0.0000	3.8763
Total	**1.7800e-003**	**0.0163**	**0.0105**	**4.0000e-005**	**2.0000e-004**	**5.5000e-004**	**7.5000e-004**	**3.0000e-005**	**5.0000e-004**	**5.3000e-004**	**0.0000**	**3.8452**	**3.8452**	**1.2400e-003**	**0.0000**	**3.8763**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.8000e-004	0.0192	2.6500e-003	3.0000e-005	6.3000e-004	1.0000e-005	6.3000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.5561	2.5561	3.1000e-004	0.0000	2.5640
Vendor	1.0000e-005	7.1000e-004	1.5000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0784	0.0784	1.0000e-005	0.0000	0.0786
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.9000e-004**	**0.0199**	**2.8000e-003**	**3.0000e-005**	**7.3000e-004**	**1.0000e-005**	**7.3000e-004**	**8.0000e-005**	**1.0000e-005**	**9.0000e-005**	**0.0000**	**2.6345**	**2.6345**	**3.2000e-004**	**0.0000**	**2.6426**

3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.0000e-005	0.0000	9.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2000e-004	0.0116	0.0235	4.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	3.8452	3.8452	1.2400e-003	0.0000	3.8763
Total	**7.2000e-004**	**0.0116**	**0.0235**	**4.0000e-005**	**9.0000e-005**	**7.0000e-005**	**1.6000e-004**	**1.0000e-005**	**7.0000e-005**	**8.0000e-005**	**0.0000**	**3.8452**	**3.8452**	**1.2400e-003**	**0.0000**	**3.8763**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.8000e-004	0.0192	2.6500e-003	3.0000e-005	4.0000e-004	1.0000e-005	4.1000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	2.5561	2.5561	3.1000e-004	0.0000	2.5640
Vendor	1.0000e-005	7.1000e-004	1.5000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0784	0.0784	1.0000e-005	0.0000	0.0786
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.9000e-004**	**0.0199**	**2.8000e-003**	**3.0000e-005**	**4.6000e-004**	**1.0000e-005**	**4.7000e-004**	**6.0000e-005**	**1.0000e-005**	**6.0000e-005**	**0.0000**	**2.6345**	**2.6345**	**3.2000e-004**	**0.0000**	**2.6426**

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0135	0.0000	0.0135	1.4600e-003	0.0000	1.4600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.1160	0.0515	1.9000e-004		4.2800e-003	4.2800e-003		3.9400e-003	3.9400e-003	0.0000	16.6390	16.6390	5.3800e-003	0.0000	16.7736
Total	**0.0102**	**0.1160**	**0.0515**	**1.9000e-004**	**0.0135**	**4.2800e-003**	**0.0178**	**1.4600e-003**	**3.9400e-003**	**5.4000e-003**	**0.0000**	**16.6390**	**16.6390**	**5.3800e-003**	**0.0000**	**16.7736**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	8.6000e-004	1.9000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0951	0.0951	1.0000e-005	0.0000	0.0954
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**8.6000e-004**	**1.9000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0951**	**0.0951**	**1.0000e-005**	**0.0000**	**0.0954**

3.5 Finish Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0800e-003	0.0000	6.0800e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1100e-003	0.0501	0.1010	1.9000e-004		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	16.6390	16.6390	5.3800e-003	0.0000	16.7735
Total	**3.1100e-003**	**0.0501**	**0.1010**	**1.9000e-004**	**6.0800e-003**	**3.1000e-004**	**6.3900e-003**	**6.6000e-004**	**3.1000e-004**	**9.7000e-004**	**0.0000**	**16.6390**	**16.6390**	**5.3800e-003**	**0.0000**	**16.7735**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	8.6000e-004	1.9000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0951	0.0951	1.0000e-005	0.0000	0.0954
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**8.6000e-004**	**1.9000e-004**	**0.0000**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0951**	**0.0951**	**1.0000e-005**	**0.0000**	**0.0954**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1630	1.5002	1.7916	3.0000e-003		0.0683	0.0683		0.0641	0.0641	0.0000	258.3899	258.3899	0.0626	0.0000	259.9550
Total	**0.1630**	**1.5002**	**1.7916**	**3.0000e-003**		**0.0683**	**0.0683**		**0.0641**	**0.0641**	**0.0000**	**258.3899**	**258.3899**	**0.0626**	**0.0000**	**259.9550**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5000e-003	0.2837	0.0620	3.2000e-004	0.0413	7.0000e-005	0.0414	4.3500e-003	7.0000e-005	4.4200e-003	0.0000	31.4289	31.4289	3.8400e-003	0.0000	31.5248
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.5000e-003**	**0.2837**	**0.0620**	**3.2000e-004**	**0.0413**	**7.0000e-005**	**0.0414**	**4.3500e-003**	**7.0000e-005**	**4.4200e-003**	**0.0000**	**31.4289**	**31.4289**	**3.8400e-003**	**0.0000**	**31.5248**

3.6 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0594	1.2075	1.9902	3.0000e-003		9.1200e-003	9.1200e-003		9.1200e-003	9.1200e-003	0.0000	258.3896	258.3896	0.0626	0.0000	259.9547
Total	**0.0594**	**1.2075**	**1.9902**	**3.0000e-003**		**9.1200e-003**	**9.1200e-003**		**9.1200e-003**	**9.1200e-003**	**0.0000**	**258.3896**	**258.3896**	**0.0626**	**0.0000**	**259.9547**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5000e-003	0.2837	0.0620	3.2000e-004	0.0257	7.0000e-005	0.0258	2.7900e-003	7.0000e-005	2.8600e-003	0.0000	31.4289	31.4289	3.8400e-003	0.0000	31.5248
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.5000e-003**	**0.2837**	**0.0620**	**3.2000e-004**	**0.0257**	**7.0000e-005**	**0.0258**	**2.7900e-003**	**7.0000e-005**	**2.8600e-003**	**0.0000**	**31.4289**	**31.4289**	**3.8400e-003**	**0.0000**	**31.5248**

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0670	0.6149	0.7883	1.3300e-003		0.0260	0.0260		0.0244	0.0244	0.0000	114.3248	114.3248	0.0276	0.0000	115.0136
Total	**0.0670**	**0.6149**	**0.7883**	**1.3300e-003**		**0.0260**	**0.0260**		**0.0244**	**0.0244**	**0.0000**	**114.3248**	**114.3248**	**0.0276**	**0.0000**	**115.0136**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3300e-003	0.1249	0.0263	1.4000e-004	0.0183	3.0000e-005	0.0183	1.9200e-003	3.0000e-005	1.9500e-003	0.0000	13.7552	13.7552	1.6400e-003	0.0000	13.7961
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.3300e-003**	**0.1249**	**0.0263**	**1.4000e-004**	**0.0183**	**3.0000e-005**	**0.0183**	**1.9200e-003**	**3.0000e-005**	**1.9500e-003**	**0.0000**	**13.7552**	**13.7552**	**1.6400e-003**	**0.0000**	**13.7961**

3.6 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0263	0.5341	0.8803	1.3300e-003		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003	0.0000	114.3247	114.3247	0.0276	0.0000	115.0134
Total	**0.0263**	**0.5341**	**0.8803**	**1.3300e-003**		**4.0300e-003**	**4.0300e-003**		**4.0300e-003**	**4.0300e-003**	**0.0000**	**114.3247**	**114.3247**	**0.0276**	**0.0000**	**115.0134**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3300e-003	0.1249	0.0263	1.4000e-004	0.0114	3.0000e-005	0.0114	1.2300e-003	3.0000e-005	1.2600e-003	0.0000	13.7552	13.7552	1.6400e-003	0.0000	13.7961
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.3300e-003**	**0.1249**	**0.0263**	**1.4000e-004**	**0.0114**	**3.0000e-005**	**0.0114**	**1.2300e-003**	**3.0000e-005**	**1.2600e-003**	**0.0000**	**13.7552**	**13.7552**	**1.6400e-003**	**0.0000**	**13.7961**

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0401	0.3528	0.5178	1.0300e-003		0.0149	0.0149		0.0137	0.0137	0.0000	90.2293	90.2293	0.0292	0.0000	90.9588
Total	**0.0401**	**0.3528**	**0.5178**	**1.0300e-003**		**0.0149**	**0.0149**		**0.0137**	**0.0137**	**0.0000**	**90.2293**	**90.2293**	**0.0292**	**0.0000**	**90.9588**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.0600e-003	1.3200e-003	1.0000e-005	8.8000e-004	0.0000	8.8000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.6716	0.6716	8.0000e-005	0.0000	0.6736
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.0600e-003**	**1.3200e-003**	**1.0000e-005**	**8.8000e-004**	**0.0000**	**8.8000e-004**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.6716**	**0.6716**	**8.0000e-005**	**0.0000**	**0.6736**

3.7 Wet Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0161	0.3859	0.6942	1.0300e-003		1.6800e-003	1.6800e-003		1.6800e-003	1.6800e-003	0.0000	90.2292	90.2292	0.0292	0.0000	90.9587
Total	**0.0161**	**0.3859**	**0.6942**	**1.0300e-003**		**1.6800e-003**	**1.6800e-003**		**1.6800e-003**	**1.6800e-003**	**0.0000**	**90.2292**	**90.2292**	**0.0292**	**0.0000**	**90.9587**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.0600e-003	1.3200e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.6716	0.6716	8.0000e-005	0.0000	0.6736
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.0600e-003**	**1.3200e-003**	**1.0000e-005**	**5.5000e-004**	**0.0000**	**5.5000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.6716**	**0.6716**	**8.0000e-005**	**0.0000**	**0.6736**

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0119	0.1133	0.1120	2.8000e-004		4.3300e-003	4.3300e-003		3.9800e-003	3.9800e-003	0.0000	24.6921	24.6921	7.9900e-003	0.0000	24.8918
Total	**0.0119**	**0.1133**	**0.1120**	**2.8000e-004**		**4.3300e-003**	**4.3300e-003**		**3.9800e-003**	**3.9800e-003**	**0.0000**	**24.6921**	**24.6921**	**7.9900e-003**	**0.0000**	**24.8918**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.0300e-003	6.6000e-004	0.0000	4.4000e-004	0.0000	4.4000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.3358	0.3358	4.0000e-005	0.0000	0.3368
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**3.0300e-003**	**6.6000e-004**	**0.0000**	**4.4000e-004**	**0.0000**	**4.4000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.3358**	**0.3358**	**4.0000e-005**	**0.0000**	**0.3368**

3.8 Dry Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.1800e-003	0.0905	0.1708	2.8000e-004		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	24.6921	24.6921	7.9900e-003	0.0000	24.8918
Total	**5.1800e-003**	**0.0905**	**0.1708**	**2.8000e-004**		**4.6000e-004**	**4.6000e-004**		**4.6000e-004**	**4.6000e-004**	**0.0000**	**24.6921**	**24.6921**	**7.9900e-003**	**0.0000**	**24.8918**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.0300e-003	6.6000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3358	0.3358	4.0000e-005	0.0000	0.3368
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**3.0300e-003**	**6.6000e-004**	**0.0000**	**2.7000e-004**	**0.0000**	**2.8000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.3358**	**0.3358**	**4.0000e-005**	**0.0000**	**0.3368**

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0337	0.3424	0.3673	7.2000e-004		0.0146	0.0146		0.0134	0.0134	0.0000	62.8532	62.8532	0.0203	0.0000	63.3614
Paving	4.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0386**	**0.3424**	**0.3673**	**7.2000e-004**		**0.0146**	**0.0146**		**0.0134**	**0.0134**	**0.0000**	**62.8532**	**62.8532**	**0.0203**	**0.0000**	**63.3614**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3200e-003	0.0682	0.0149	8.0000e-005	9.9400e-003	2.0000e-005	9.9500e-003	1.0500e-003	2.0000e-005	1.0600e-003	0.0000	7.5550	7.5550	9.2000e-004	0.0000	7.5781
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3200e-003**	**0.0682**	**0.0149**	**8.0000e-005**	**9.9400e-003**	**2.0000e-005**	**9.9500e-003**	**1.0500e-003**	**2.0000e-005**	**1.0600e-003**	**0.0000**	**7.5550**	**7.5550**	**9.2000e-004**	**0.0000**	**7.5781**

3.9 Surface Improvements - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.2572	0.4685	7.2000e-004		1.1700e-003	1.1700e-003		1.1700e-003	1.1700e-003	0.0000	62.8531	62.8531	0.0203	0.0000	63.3613
Paving	4.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0163**	**0.2572**	**0.4685**	**7.2000e-004**		**1.1700e-003**	**1.1700e-003**		**1.1700e-003**	**1.1700e-003**	**0.0000**	**62.8531**	**62.8531**	**0.0203**	**0.0000**	**63.3613**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3200e-003	0.0682	0.0149	8.0000e-005	6.1900e-003	2.0000e-005	6.2000e-003	6.7000e-004	2.0000e-005	6.9000e-004	0.0000	7.5550	7.5550	9.2000e-004	0.0000	7.5781
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3200e-003**	**0.0682**	**0.0149**	**8.0000e-005**	**6.1900e-003**	**2.0000e-005**	**6.2000e-003**	**6.7000e-004**	**2.0000e-005**	**6.9000e-004**	**0.0000**	**7.5550**	**7.5550**	**9.2000e-004**	**0.0000**	**7.5781**

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0153	0.0241	4.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4090
Total	**0.5243**	**0.0153**	**0.0241**	**4.0000e-005**		**6.9000e-004**	**6.9000e-004**		**6.9000e-004**	**6.9000e-004**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4090**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0100e-003	2.1000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.1108	0.1108	1.0000e-005	0.0000	0.1111
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.0100e-003**	**2.1000e-004**	**0.0000**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.1108**	**0.1108**	**1.0000e-005**	**0.0000**	**0.1111**

3.10 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3000e-004	0.0141	0.0244	4.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4090
Total	**0.5228**	**0.0141**	**0.0244**	**4.0000e-005**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4090**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0100e-003	2.1000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1108	0.1108	1.0000e-005	0.0000	0.1111
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.0100e-003**	**2.1000e-004**	**0.0000**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.1108**	**0.1108**	**1.0000e-005**	**0.0000**	**0.1111**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Unmitigated	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	109.8442	109.8442	4.5300e-003	9.4000e-004	110.2371
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	109.8442	109.8442	4.5300e-003	9.4000e-004	110.2371
NaturalGas Mitigated	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442
NaturalGas Unmitigated	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.15393e+006	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442
Total		**6.2200e-003**	**0.0532**	**0.0226**	**3.4000e-004**		**4.3000e-003**	**4.3000e-003**		**4.3000e-003**	**4.3000e-003**	**0.0000**	**61.5783**	**61.5783**	**1.1800e-003**	**1.1300e-003**	**61.9442**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.15393e+006	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442
Total		**6.2200e-003**	**0.0532**	**0.0226**	**3.4000e-004**		**4.3000e-003**	**4.3000e-003**		**4.3000e-003**	**4.3000e-003**	**0.0000**	**61.5783**	**61.5783**	**1.1800e-003**	**1.1300e-003**	**61.9442**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	344748	109.8442	4.5300e-003	9.4000e-004	110.2371
Total		**109.8442**	**4.5300e-003**	**9.4000e-004**	**110.2371**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	344748	109.8442	4.5300e-003	9.4000e-004	110.2371
Total		**109.8442**	**4.5300e-003**	**9.4000e-004**	**110.2371**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Unmitigated	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0520					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1376	0.0109	0.2670	6.8000e-004		0.0401	0.0401		0.0401	0.0401	4.4612	8.5729	13.0341	0.0133	3.0000e-004	13.4569
Landscaping	0.0130	4.9900e-003	0.4328	2.0000e-005		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	0.7077	0.7077	6.8000e-004	0.0000	0.7247
Total	**0.7917**	**0.0159**	**0.6998**	**7.0000e-004**		**0.0425**	**0.0425**		**0.0425**	**0.0425**	**4.4612**	**9.2806**	**13.7418**	**0.0140**	**3.0000e-004**	**14.1816**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0520					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1376	0.0109	0.2670	6.8000e-004		0.0401	0.0401		0.0401	0.0401	4.4612	8.5729	13.0341	0.0133	3.0000e-004	13.4569
Landscaping	0.0130	4.9900e-003	0.4328	2.0000e-005		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	0.7077	0.7077	6.8000e-004	0.0000	0.7247
Total	**0.7917**	**0.0159**	**0.6998**	**7.0000e-004**		**0.0425**	**0.0425**		**0.0425**	**0.0425**	**4.4612**	**9.2806**	**13.7418**	**0.0140**	**3.0000e-004**	**14.1816**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	37.2655	0.0907	2.4200e-003	40.2524
Unmitigated	37.2655	0.0907	2.4200e-003	40.2524

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 5.34975	18.9375	7.8000e-004	1.6000e-004	19.0053
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.73647 / 1.72517	18.3280	0.0899	2.2500e-003	21.2471
Total		**37.2655**	**0.0907**	**2.4100e-003**	**40.2524**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 5.34975	18.9375	7.8000e-004	1.6000e-004	19.0053
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.73647 / 1.72517	18.3280	0.0899	2.2500e-003	21.2471
Total		**37.2655**	**0.0907**	**2.4100e-003**	**40.2524**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.0663	0.5949	0.0000	24.9389
Unmitigated	10.0663	0.5949	0.0000	24.9389

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.39	0.0792	4.6800e-003	0.0000	0.1961
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	49.2	9.9872	0.5902	0.0000	24.7428
Total		**10.0663**	**0.5949**	**0.0000**	**24.9389**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.39	0.0792	4.6800e-003	0.0000	0.1961
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	49.2	9.9872	0.5902	0.0000	24.7428
Total		**10.0663**	**0.5949**	**0.0000**	**24.9389**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

The Meadows at Sierra Madre HRA

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.75	Acre	3.75	163,350.00	0
City Park	4.49	Acre	4.49	195,584.40	0
Single Family Housing	42.00	Dwelling Unit	9.11	159,600.00	120

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on project description and site plan.

Construction Phase - Based on applicant provided information.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - CalEEMod defaults.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment -

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Off-road Equipment - Based on applicant provided information.

Trips and VMT - Based on applicant provided information.

On-road Fugitive Dust - Assume 1,000 feet of unpaved road travel per trip.

Grading - Based on applicant provided information.

Architectural Coating - In accordance with SCAQMD Rule 1113.

Vehicle Trips - Based on traffic analysis for project.

Woodstoves - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - CalEEMod defaults.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - CalEEMod defaults.

Solid Waste - CalEEMod defaults.

Construction Off-road Equipment Mitigation - In accordance with SCAQMD Rule 403.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	9801	8821
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	30.00	20.00

tblConstructionPhase	NumDays	30.00	14.00
tblConstructionPhase	NumDays	30.00	17.00
tblConstructionPhase	NumDays	20.00	30.00
tblGrading	AcresOfGrading	180.00	108.00
tblGrading	MaterialImported	0.00	3,528.00
tblLandUse	LandUseSquareFeet	75,600.00	159,600.00
tblLandUse	LotAcreage	13.64	9.11
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	8.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	99.10
tblOnRoadDust	VendorPercentPave	100.00	97.20

tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	VendorPercentPave	100.00	97.20
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblOnRoadDust	WorkerPercentPave	100.00	98.70
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripNumber	441.00	504.00

tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	63.00	54.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	90.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	166.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	0.00
tblTripsAndVMT	WorkerTripNumber	33.00	0.00

tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	ST_TR	9.91	9.55
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	SU_TR	8.62	9.55
tblVehicleTrips	WD_TR	1.89	0.00
tblVehicleTrips	WD_TR	9.52	9.43

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.3502	3.6176	3.4922	7.1700e-003	0.1860	0.1387	0.3247	0.0466	0.1289	0.1755	0.0000	629.1413	629.1413	0.1739	0.0000	633.4879
2025	0.5937	0.7560	0.8389	1.5100e-003	0.0184	0.0267	0.0451	1.9400e-003	0.0251	0.0271	0.0000	131.5951	131.5951	0.0294	0.0000	132.3297
Maximum	**0.5937**	**3.6176**	**3.4922**	**7.1700e-003**	**0.1860**	**0.1387**	**0.3247**	**0.0466**	**0.1289**	**0.1755**	**0.0000**	**629.1413**	**629.1413**	**0.1739**	**0.0000**	**633.4879**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.3502	3.6176	3.4922	7.1700e-003	0.0930	0.1387	0.2317	0.0220	0.1289	0.1509	0.0000	629.1406	629.1406	0.1739	0.0000	633.4872
2025	0.5937	0.7560	0.8389	1.5100e-003	0.0115	0.0267	0.0382	1.2400e-003	0.0251	0.0264	0.0000	131.5949	131.5949	0.0294	0.0000	132.3296
Maximum	**0.5937**	**3.6176**	**3.4922**	**7.1700e-003**	**0.0930**	**0.1387**	**0.2317**	**0.0220**	**0.1289**	**0.1509**	**0.0000**	**629.1406**	**629.1406**	**0.1739**	**0.0000**	**633.4872**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**48.90**	**0.00**	**27.04**	**52.01**	**0.00**	**12.44**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-5-2024	5-4-2024	1.5338	1.5338
2	5-5-2024	8-4-2024	1.1933	1.1933
3	8-5-2024	11-4-2024	0.8208	0.8208
4	11-5-2024	2-4-2025	0.9290	0.9290
5	2-5-2025	5-4-2025	0.7517	0.7517
6	5-5-2025	8-4-2025	0.0252	0.0252
		Highest	1.5338	1.5338

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Energy	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	171.4224	171.4224	5.7200e-003	2.0700e-003	172.1813
Mobile	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Waste						0.0000	0.0000		0.0000	0.0000	10.0663	0.0000	10.0663	0.5949	0.0000	24.9389
Water						0.0000	0.0000		0.0000	0.0000	0.8682	36.3974	37.2655	0.0907	2.4200e-003	40.2524
Total	**0.8897**	**0.5485**	**1.9643**	**6.5100e-003**	**0.5160**	**0.0507**	**0.5667**	**0.1382**	**0.0504**	**0.1887**	**15.3957**	**724.3047**	**739.7004**	**0.7267**	**4.7900e-003**	**759.2944**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Energy	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	171.4224	171.4224	5.7200e-003	2.0700e-003	172.1813
Mobile	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Waste						0.0000	0.0000		0.0000	0.0000	10.0663	0.0000	10.0663	0.5949	0.0000	24.9389
Water						0.0000	0.0000		0.0000	0.0000	0.8682	36.3974	37.2655	0.0907	2.4200e-003	40.2524
Total	**0.8897**	**0.5485**	**1.9643**	**6.5100e-003**	**0.5160**	**0.0507**	**0.5667**	**0.1382**	**0.0504**	**0.1887**	**15.3957**	**724.3047**	**739.7004**	**0.7267**	**4.7900e-003**	**759.2944**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Clear & Grub	Site Preparation	2/5/2024	2/6/2024	5	2	
2	Remedial & Mass Excavation	Grading	2/7/2024	3/5/2024	5	20	
3	Import Material to Balance Site	Grading	2/23/2024	3/13/2024	5	14	
4	Finish Grading	Grading	3/14/2024	4/5/2024	5	17	
5	Building Construction	Building Construction	3/15/2024	5/8/2025	5	300	
6	Wet Utilities	Trenching	4/1/2024	6/21/2024	5	60	
7	Dry Utilities	Trenching	6/17/2024	7/26/2024	5	30	
8	Surface Improvements	Paving	7/15/2024	8/23/2024	5	30	
9	Architectural Coating	Architectural Coating	1/19/2025	2/14/2025	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.75

Residential Indoor: 323,190; Residential Outdoor: 107,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,801 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Clear & Grub	Crawler Tractors	2	8.00	212	0.43
Clear & Grub	Rubber Tired Dozers	0	8.00	247	0.40
Clear & Grub	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remedial & Mass Excavation	Crawler Tractors	2	8.00	212	0.43
Remedial & Mass Excavation	Excavators	0	8.00	158	0.38
Remedial & Mass Excavation	Graders	0	8.00	187	0.41
Remedial & Mass Excavation	Rubber Tired Dozers	1	8.00	247	0.40

Remedial & Mass Excavation	Scrapers	8	8.00	367	0.48
Remedial & Mass Excavation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Import Material to Balance Site	Excavators	0	8.00	158	0.38
Import Material to Balance Site	Graders	0	8.00	187	0.41
Import Material to Balance Site	Rubber Tired Dozers	0	8.00	247	0.40
Import Material to Balance Site	Rubber Tired Loaders	1	8.00	203	0.36
Import Material to Balance Site	Scrapers	0	8.00	367	0.48
Import Material to Balance Site	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Finish Grading	Crawler Tractors	2	8.00	212	0.43
Finish Grading	Excavators	0	8.00	158	0.38
Finish Grading	Graders	1	8.00	187	0.41
Finish Grading	Rubber Tired Dozers	0	8.00	247	0.40
Finish Grading	Scrapers	0	8.00	367	0.48
Finish Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Wet Utilities	Excavators	3	8.00	158	0.38
Wet Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Wet Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Dry Utilities	Rubber Tired Loaders	2	8.00	203	0.36
Dry Utilities	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Surface Improvements	Graders	1	8.00	187	0.41
Surface Improvements	Pavers	2	8.00	130	0.42
Surface Improvements	Paving Equipment	2	8.00	132	0.36

Surface Improvements	Rollers	2	8.00	80	0.38
Surface Improvements	Scrapers	1	8.00	367	0.48
Surface Improvements	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Clear & Grub	3	0.00	2.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Remedial & Mass Excavation	11	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Import Material to Balance Site	1	0.00	2.00	504.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Finish Grading	3	0.00	2.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	54.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Wet Utilities	7	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Dry Utilities	4	0.00	4.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Surface Improvements	9	0.00	90.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	2.00	0.00	14.70	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Clear & Grub - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0600e-003	0.0000	1.0600e-003	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9000e-004	0.0109	6.6400e-003	2.0000e-005		4.4000e-004	4.4000e-004		4.0000e-004	4.0000e-004	0.0000	1.6502	1.6502	5.3000e-004	0.0000	1.6636
Total	**9.9000e-004**	**0.0109**	**6.6400e-003**	**2.0000e-005**	**1.0600e-003**	**4.4000e-004**	**1.5000e-003**	**1.1000e-004**	**4.0000e-004**	**5.1000e-004**	**0.0000**	**1.6502**	**1.6502**	**5.3000e-004**	**0.0000**	**1.6636**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.0000e-004	2.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0112	0.0112	0.0000	0.0000	0.0112
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**1.0000e-004**	**2.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0112**	**0.0112**	**0.0000**	**0.0000**	**0.0112**

3.2 Clear & Grub - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.8000e-004	0.0000	4.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9000e-004	0.0109	6.6400e-003	2.0000e-005		4.4000e-004	4.4000e-004		4.0000e-004	4.0000e-004	0.0000	1.6502	1.6502	5.3000e-004	0.0000	1.6636
Total	**9.9000e-004**	**0.0109**	**6.6400e-003**	**2.0000e-005**	**4.8000e-004**	**4.4000e-004**	**9.2000e-004**	**5.0000e-005**	**4.0000e-004**	**4.5000e-004**	**0.0000**	**1.6502**	**1.6502**	**5.3000e-004**	**0.0000**	**1.6636**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.0000e-004	2.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0112	0.0112	0.0000	0.0000	0.0112
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**1.0000e-004**	**2.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0112**	**0.0112**	**0.0000**	**0.0000**	**0.0112**

3.3 Remedial & Mass Excavation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1175	0.0000	0.1175	0.0393	0.0000	0.0393	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0762	0.7819	0.5527	1.4600e-003		0.0312	0.0312		0.0287	0.0287	0.0000	127.8864	127.8864	0.0414	0.0000	128.9205
Total	**0.0762**	**0.7819**	**0.5527**	**1.4600e-003**	**0.1175**	**0.0312**	**0.1487**	**0.0393**	**0.0287**	**0.0680**	**0.0000**	**127.8864**	**127.8864**	**0.0414**	**0.0000**	**128.9205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.0200e-003	4.4000e-004	0.0000	2.9000e-004	0.0000	2.9000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.2239	0.2239	3.0000e-005	0.0000	0.2245
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.0200e-003**	**4.4000e-004**	**0.0000**	**2.9000e-004**	**0.0000**	**2.9000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.2239**	**0.2239**	**3.0000e-005**	**0.0000**	**0.2245**

3.3 Remedial & Mass Excavation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0529	0.0000	0.0529	0.0177	0.0000	0.0177	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0762	0.7819	0.5527	1.4600e-003		0.0312	0.0312		0.0287	0.0287	0.0000	127.8863	127.8863	0.0414	0.0000	128.9203
Total	**0.0762**	**0.7819**	**0.5527**	**1.4600e-003**	**0.0529**	**0.0312**	**0.0841**	**0.0177**	**0.0287**	**0.0464**	**0.0000**	**127.8863**	**127.8863**	**0.0414**	**0.0000**	**128.9203**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.0200e-003	4.4000e-004	0.0000	1.8000e-004	0.0000	1.8000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2239	0.2239	3.0000e-005	0.0000	0.2245
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**2.0200e-003**	**4.4000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.2239**	**0.2239**	**3.0000e-005**	**0.0000**	**0.2245**

3.4 Import Material to Balance Site - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0000e-004	0.0000	2.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7800e-003	0.0163	0.0105	4.0000e-005		5.5000e-004	5.5000e-004		5.0000e-004	5.0000e-004	0.0000	3.8452	3.8452	1.2400e-003	0.0000	3.8763
Total	**1.7800e-003**	**0.0163**	**0.0105**	**4.0000e-005**	**2.0000e-004**	**5.5000e-004**	**7.5000e-004**	**3.0000e-005**	**5.0000e-004**	**5.3000e-004**	**0.0000**	**3.8452**	**3.8452**	**1.2400e-003**	**0.0000**	**3.8763**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.8000e-004	0.0192	2.6500e-003	3.0000e-005	6.3000e-004	1.0000e-005	6.3000e-004	7.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.5561	2.5561	3.1000e-004	0.0000	2.5640
Vendor	1.0000e-005	7.1000e-004	1.5000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0784	0.0784	1.0000e-005	0.0000	0.0786
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.9000e-004**	**0.0199**	**2.8000e-003**	**3.0000e-005**	**7.3000e-004**	**1.0000e-005**	**7.3000e-004**	**8.0000e-005**	**1.0000e-005**	**9.0000e-005**	**0.0000**	**2.6345**	**2.6345**	**3.2000e-004**	**0.0000**	**2.6426**

3.4 Import Material to Balance Site - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.0000e-005	0.0000	9.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7800e-003	0.0163	0.0105	4.0000e-005		5.5000e-004	5.5000e-004		5.0000e-004	5.0000e-004	0.0000	3.8452	3.8452	1.2400e-003	0.0000	3.8763
Total	**1.7800e-003**	**0.0163**	**0.0105**	**4.0000e-005**	**9.0000e-005**	**5.5000e-004**	**6.4000e-004**	**1.0000e-005**	**5.0000e-004**	**5.1000e-004**	**0.0000**	**3.8452**	**3.8452**	**1.2400e-003**	**0.0000**	**3.8763**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.8000e-004	0.0192	2.6500e-003	3.0000e-005	4.0000e-004	1.0000e-005	4.1000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	2.5561	2.5561	3.1000e-004	0.0000	2.5640
Vendor	1.0000e-005	7.1000e-004	1.5000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0784	0.0784	1.0000e-005	0.0000	0.0786
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.9000e-004**	**0.0199**	**2.8000e-003**	**3.0000e-005**	**4.6000e-004**	**1.0000e-005**	**4.7000e-004**	**6.0000e-005**	**1.0000e-005**	**6.0000e-005**	**0.0000**	**2.6345**	**2.6345**	**3.2000e-004**	**0.0000**	**2.6426**

3.5 Finish Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0135	0.0000	0.0135	1.4600e-003	0.0000	1.4600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.1160	0.0515	1.9000e-004		4.2800e-003	4.2800e-003		3.9400e-003	3.9400e-003	0.0000	16.6390	16.6390	5.3800e-003	0.0000	16.7736
Total	**0.0102**	**0.1160**	**0.0515**	**1.9000e-004**	**0.0135**	**4.2800e-003**	**0.0178**	**1.4600e-003**	**3.9400e-003**	**5.4000e-003**	**0.0000**	**16.6390**	**16.6390**	**5.3800e-003**	**0.0000**	**16.7736**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	8.6000e-004	1.9000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0951	0.0951	1.0000e-005	0.0000	0.0954
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**8.6000e-004**	**1.9000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0951**	**0.0951**	**1.0000e-005**	**0.0000**	**0.0954**

3.5 Finish Grading - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0800e-003	0.0000	6.0800e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.1160	0.0515	1.9000e-004		4.2800e-003	4.2800e-003		3.9400e-003	3.9400e-003	0.0000	16.6390	16.6390	5.3800e-003	0.0000	16.7735
Total	**0.0102**	**0.1160**	**0.0515**	**1.9000e-004**	**6.0800e-003**	**4.2800e-003**	**0.0104**	**6.6000e-004**	**3.9400e-003**	**4.6000e-003**	**0.0000**	**16.6390**	**16.6390**	**5.3800e-003**	**0.0000**	**16.7735**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	8.6000e-004	1.9000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0951	0.0951	1.0000e-005	0.0000	0.0954
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**8.6000e-004**	**1.9000e-004**	**0.0000**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0951**	**0.0951**	**1.0000e-005**	**0.0000**	**0.0954**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1630	1.5002	1.7916	3.0000e-003		0.0683	0.0683		0.0641	0.0641	0.0000	258.3899	258.3899	0.0626	0.0000	259.9550
Total	**0.1630**	**1.5002**	**1.7916**	**3.0000e-003**		**0.0683**	**0.0683**		**0.0641**	**0.0641**	**0.0000**	**258.3899**	**258.3899**	**0.0626**	**0.0000**	**259.9550**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5000e-003	0.2837	0.0620	3.2000e-004	0.0413	7.0000e-005	0.0414	4.3500e-003	7.0000e-005	4.4200e-003	0.0000	31.4289	31.4289	3.8400e-003	0.0000	31.5248
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.5000e-003**	**0.2837**	**0.0620**	**3.2000e-004**	**0.0413**	**7.0000e-005**	**0.0414**	**4.3500e-003**	**7.0000e-005**	**4.4200e-003**	**0.0000**	**31.4289**	**31.4289**	**3.8400e-003**	**0.0000**	**31.5248**

3.6 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1630	1.5002	1.7916	3.0000e-003		0.0683	0.0683		0.0641	0.0641	0.0000	258.3896	258.3896	0.0626	0.0000	259.9547
Total	**0.1630**	**1.5002**	**1.7916**	**3.0000e-003**		**0.0683**	**0.0683**		**0.0641**	**0.0641**	**0.0000**	**258.3896**	**258.3896**	**0.0626**	**0.0000**	**259.9547**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5000e-003	0.2837	0.0620	3.2000e-004	0.0257	7.0000e-005	0.0258	2.7900e-003	7.0000e-005	2.8600e-003	0.0000	31.4289	31.4289	3.8400e-003	0.0000	31.5248
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.5000e-003**	**0.2837**	**0.0620**	**3.2000e-004**	**0.0257**	**7.0000e-005**	**0.0258**	**2.7900e-003**	**7.0000e-005**	**2.8600e-003**	**0.0000**	**31.4289**	**31.4289**	**3.8400e-003**	**0.0000**	**31.5248**

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0670	0.6149	0.7883	1.3300e-003		0.0260	0.0260		0.0244	0.0244	0.0000	114.3248	114.3248	0.0276	0.0000	115.0136
Total	**0.0670**	**0.6149**	**0.7883**	**1.3300e-003**		**0.0260**	**0.0260**		**0.0244**	**0.0244**	**0.0000**	**114.3248**	**114.3248**	**0.0276**	**0.0000**	**115.0136**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3300e-003	0.1249	0.0263	1.4000e-004	0.0183	3.0000e-005	0.0183	1.9200e-003	3.0000e-005	1.9500e-003	0.0000	13.7552	13.7552	1.6400e-003	0.0000	13.7961
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.3300e-003**	**0.1249**	**0.0263**	**1.4000e-004**	**0.0183**	**3.0000e-005**	**0.0183**	**1.9200e-003**	**3.0000e-005**	**1.9500e-003**	**0.0000**	**13.7552**	**13.7552**	**1.6400e-003**	**0.0000**	**13.7961**

3.6 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0670	0.6149	0.7883	1.3300e-003		0.0260	0.0260		0.0244	0.0244	0.0000	114.3247	114.3247	0.0276	0.0000	115.0134
Total	**0.0670**	**0.6149**	**0.7883**	**1.3300e-003**		**0.0260**	**0.0260**		**0.0244**	**0.0244**	**0.0000**	**114.3247**	**114.3247**	**0.0276**	**0.0000**	**115.0134**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3300e-003	0.1249	0.0263	1.4000e-004	0.0114	3.0000e-005	0.0114	1.2300e-003	3.0000e-005	1.2600e-003	0.0000	13.7552	13.7552	1.6400e-003	0.0000	13.7961
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.3300e-003**	**0.1249**	**0.0263**	**1.4000e-004**	**0.0114**	**3.0000e-005**	**0.0114**	**1.2300e-003**	**3.0000e-005**	**1.2600e-003**	**0.0000**	**13.7552**	**13.7552**	**1.6400e-003**	**0.0000**	**13.7961**

3.7 Wet Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0401	0.3528	0.5178	1.0300e-003		0.0149	0.0149		0.0137	0.0137	0.0000	90.2293	90.2293	0.0292	0.0000	90.9588
Total	**0.0401**	**0.3528**	**0.5178**	**1.0300e-003**		**0.0149**	**0.0149**		**0.0137**	**0.0137**	**0.0000**	**90.2293**	**90.2293**	**0.0292**	**0.0000**	**90.9588**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.0600e-003	1.3200e-003	1.0000e-005	8.8000e-004	0.0000	8.8000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.6716	0.6716	8.0000e-005	0.0000	0.6736
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.0600e-003**	**1.3200e-003**	**1.0000e-005**	**8.8000e-004**	**0.0000**	**8.8000e-004**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.6716**	**0.6716**	**8.0000e-005**	**0.0000**	**0.6736**

3.7 Wet Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0401	0.3528	0.5178	1.0300e-003		0.0149	0.0149		0.0137	0.0137	0.0000	90.2292	90.2292	0.0292	0.0000	90.9587
Total	**0.0401**	**0.3528**	**0.5178**	**1.0300e-003**		**0.0149**	**0.0149**		**0.0137**	**0.0137**	**0.0000**	**90.2292**	**90.2292**	**0.0292**	**0.0000**	**90.9587**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.0600e-003	1.3200e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.6716	0.6716	8.0000e-005	0.0000	0.6736
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**6.0600e-003**	**1.3200e-003**	**1.0000e-005**	**5.5000e-004**	**0.0000**	**5.5000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.6716**	**0.6716**	**8.0000e-005**	**0.0000**	**0.6736**

3.8 Dry Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0119	0.1133	0.1120	2.8000e-004		4.3300e-003	4.3300e-003		3.9800e-003	3.9800e-003	0.0000	24.6921	24.6921	7.9900e-003	0.0000	24.8918
Total	**0.0119**	**0.1133**	**0.1120**	**2.8000e-004**		**4.3300e-003**	**4.3300e-003**		**3.9800e-003**	**3.9800e-003**	**0.0000**	**24.6921**	**24.6921**	**7.9900e-003**	**0.0000**	**24.8918**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.0300e-003	6.6000e-004	0.0000	4.4000e-004	0.0000	4.4000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.3358	0.3358	4.0000e-005	0.0000	0.3368
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**3.0300e-003**	**6.6000e-004**	**0.0000**	**4.4000e-004**	**0.0000**	**4.4000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.3358**	**0.3358**	**4.0000e-005**	**0.0000**	**0.3368**

3.8 Dry Utilities - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0119	0.1133	0.1120	2.8000e-004		4.3300e-003	4.3300e-003		3.9800e-003	3.9800e-003	0.0000	24.6921	24.6921	7.9900e-003	0.0000	24.8918
Total	**0.0119**	**0.1133**	**0.1120**	**2.8000e-004**		**4.3300e-003**	**4.3300e-003**		**3.9800e-003**	**3.9800e-003**	**0.0000**	**24.6921**	**24.6921**	**7.9900e-003**	**0.0000**	**24.8918**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.0300e-003	6.6000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3358	0.3358	4.0000e-005	0.0000	0.3368
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**3.0300e-003**	**6.6000e-004**	**0.0000**	**2.7000e-004**	**0.0000**	**2.8000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.3358**	**0.3358**	**4.0000e-005**	**0.0000**	**0.3368**

3.9 Surface Improvements - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0337	0.3424	0.3673	7.2000e-004		0.0146	0.0146		0.0134	0.0134	0.0000	62.8532	62.8532	0.0203	0.0000	63.3614
Paving	4.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0386**	**0.3424**	**0.3673**	**7.2000e-004**		**0.0146**	**0.0146**		**0.0134**	**0.0134**	**0.0000**	**62.8532**	**62.8532**	**0.0203**	**0.0000**	**63.3614**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3200e-003	0.0682	0.0149	8.0000e-005	9.9400e-003	2.0000e-005	9.9500e-003	1.0500e-003	2.0000e-005	1.0600e-003	0.0000	7.5550	7.5550	9.2000e-004	0.0000	7.5781
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3200e-003**	**0.0682**	**0.0149**	**8.0000e-005**	**9.9400e-003**	**2.0000e-005**	**9.9500e-003**	**1.0500e-003**	**2.0000e-005**	**1.0600e-003**	**0.0000**	**7.5550**	**7.5550**	**9.2000e-004**	**0.0000**	**7.5781**

3.9 Surface Improvements - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0337	0.3424	0.3673	7.2000e-004		0.0146	0.0146		0.0134	0.0134	0.0000	62.8531	62.8531	0.0203	0.0000	63.3613
Paving	4.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0386**	**0.3424**	**0.3673**	**7.2000e-004**		**0.0146**	**0.0146**		**0.0134**	**0.0134**	**0.0000**	**62.8531**	**62.8531**	**0.0203**	**0.0000**	**63.3613**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3200e-003	0.0682	0.0149	8.0000e-005	6.1900e-003	2.0000e-005	6.2000e-003	6.7000e-004	2.0000e-005	6.9000e-004	0.0000	7.5550	7.5550	9.2000e-004	0.0000	7.5781
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3200e-003**	**0.0682**	**0.0149**	**8.0000e-005**	**6.1900e-003**	**2.0000e-005**	**6.2000e-003**	**6.7000e-004**	**2.0000e-005**	**6.9000e-004**	**0.0000**	**7.5550**	**7.5550**	**9.2000e-004**	**0.0000**	**7.5781**

3.10 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0153	0.0241	4.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4090
Total	**0.5243**	**0.0153**	**0.0241**	**4.0000e-005**		**6.9000e-004**	**6.9000e-004**		**6.9000e-004**	**6.9000e-004**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4090**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0100e-003	2.1000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.1108	0.1108	1.0000e-005	0.0000	0.1111
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.0100e-003**	**2.1000e-004**	**0.0000**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.1108**	**0.1108**	**1.0000e-005**	**0.0000**	**0.1111**

3.10 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0153	0.0241	4.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4090
Total	**0.5243**	**0.0153**	**0.0241**	**4.0000e-005**		**6.9000e-004**	**6.9000e-004**		**6.9000e-004**	**6.9000e-004**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4090**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0100e-003	2.1000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1108	0.1108	1.0000e-005	0.0000	0.1111
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**1.0100e-003**	**2.1000e-004**	**0.0000**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.1108**	**0.1108**	**1.0000e-005**	**0.0000**	**0.1111**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403
Unmitigated	0.0918	0.4794	1.2419	5.4700e-003	0.5160	3.8800e-003	0.5199	0.1382	3.6000e-003	0.1418	0.0000	507.2043	507.2043	0.0214	0.0000	507.7403

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	396.06	401.10	401.10	1,358,318	1,358,318
Total	396.06	401.10	401.10	1,358,318	1,358,318

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Other Asphalt Surfaces	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809
Single Family Housing	0.551582	0.041972	0.204917	0.113538	0.013798	0.005777	0.022002	0.036198	0.002156	0.001623	0.004914	0.000716	0.000809

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	109.8442	109.8442	4.5300e-003	9.4000e-004	110.2371
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	109.8442	109.8442	4.5300e-003	9.4000e-004	110.2371
NaturalGas Mitigated	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442
NaturalGas Unmitigated	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.15393e+006	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442
Total		**6.2200e-003**	**0.0532**	**0.0226**	**3.4000e-004**		**4.3000e-003**	**4.3000e-003**		**4.3000e-003**	**4.3000e-003**	**0.0000**	**61.5783**	**61.5783**	**1.1800e-003**	**1.1300e-003**	**61.9442**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.15393e+006	6.2200e-003	0.0532	0.0226	3.4000e-004		4.3000e-003	4.3000e-003		4.3000e-003	4.3000e-003	0.0000	61.5783	61.5783	1.1800e-003	1.1300e-003	61.9442
Total		**6.2200e-003**	**0.0532**	**0.0226**	**3.4000e-004**		**4.3000e-003**	**4.3000e-003**		**4.3000e-003**	**4.3000e-003**	**0.0000**	**61.5783**	**61.5783**	**1.1800e-003**	**1.1300e-003**	**61.9442**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	344748	109.8442	4.5300e-003	9.4000e-004	110.2371
Total		**109.8442**	**4.5300e-003**	**9.4000e-004**	**110.2371**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	344748	109.8442	4.5300e-003	9.4000e-004	110.2371
Total		**109.8442**	**4.5300e-003**	**9.4000e-004**	**110.2371**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816
Unmitigated	0.7917	0.0159	0.6998	7.0000e-004		0.0425	0.0425		0.0425	0.0425	4.4612	9.2806	13.7418	0.0140	3.0000e-004	14.1816

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0520					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1376	0.0109	0.2670	6.8000e-004		0.0401	0.0401		0.0401	0.0401	4.4612	8.5729	13.0341	0.0133	3.0000e-004	13.4569
Landscaping	0.0130	4.9900e-003	0.4328	2.0000e-005		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	0.7077	0.7077	6.8000e-004	0.0000	0.7247
Total	**0.7917**	**0.0159**	**0.6998**	**7.0000e-004**		**0.0425**	**0.0425**		**0.0425**	**0.0425**	**4.4612**	**9.2806**	**13.7418**	**0.0140**	**3.0000e-004**	**14.1816**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0520					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1376	0.0109	0.2670	6.8000e-004		0.0401	0.0401		0.0401	0.0401	4.4612	8.5729	13.0341	0.0133	3.0000e-004	13.4569
Landscaping	0.0130	4.9900e-003	0.4328	2.0000e-005		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	0.7077	0.7077	6.8000e-004	0.0000	0.7247
Total	**0.7917**	**0.0159**	**0.6998**	**7.0000e-004**		**0.0425**	**0.0425**		**0.0425**	**0.0425**	**4.4612**	**9.2806**	**13.7418**	**0.0140**	**3.0000e-004**	**14.1816**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	37.2655	0.0907	2.4200e-003	40.2524
Unmitigated	37.2655	0.0907	2.4200e-003	40.2524

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 5.34975	18.9375	7.8000e-004	1.6000e-004	19.0053
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.73647 / 1.72517	18.3280	0.0899	2.2500e-003	21.2471
Total		**37.2655**	**0.0907**	**2.4100e-003**	**40.2524**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 5.34975	18.9375	7.8000e-004	1.6000e-004	19.0053
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	2.73647 / 1.72517	18.3280	0.0899	2.2500e-003	21.2471
Total		**37.2655**	**0.0907**	**2.4100e-003**	**40.2524**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.0663	0.5949	0.0000	24.9389
Unmitigated	10.0663	0.5949	0.0000	24.9389

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.39	0.0792	4.6800e-003	0.0000	0.1961
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	49.2	9.9872	0.5902	0.0000	24.7428
Total		**10.0663**	**0.5949**	**0.0000**	**24.9389**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.39	0.0792	4.6800e-003	0.0000	0.1961
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	49.2	9.9872	0.5902	0.0000	24.7428
Total		**10.0663**	**0.5949**	**0.0000**	**24.9389**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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** AERMOD View Ver. 9.9.0
** Lakes Environmental Software Inc.
** Date: 4/7/2021
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** AERMOD Control Pathway
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CO FINISHED
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** AERMOD Source Pathway
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** Source ID - Type - X Coord. - Y Coord. **
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** DESCRSRC Construction Equipment
** PREFIX
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** Configuration = Adjacent
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** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Trucks
** PREFIX
** Length of Side = 3.12
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 3.16
** SZINIT = 1.47
** Nodes = 19
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LOCATION L0001871     VOLUME   402902.712 3779533.663 201.80
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** Source Parameters **
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SRCGROUP Truck    L0000990 L0000991 L0000992 L0000993 L0000994 L0000995
SRCGROUP Truck    L0000996 L0000997 L0000998 L0000999 L0001000 L0001001
SRCGROUP Truck    L0001002 L0001003 L0001004 L0001005 L0001006 L0001007
SRCGROUP Truck    L0001008 L0001009 L0001010 L0001011 L0001012 L0001013
SRCGROUP Truck    L0001014 L0001015 L0001016 L0001017 L0001018 L0001019
SRCGROUP Truck    L0001020 L0001021 L0001022 L0001023 L0001024 L0001025
SRCGROUP Truck    L0001026 L0001027 L0001028 L0001029 L0001030 L0001031
SRCGROUP Truck    L0001032 L0001033 L0001034 L0001035 L0001036 L0001037
SRCGROUP Truck    L0001038 L0001039 L0001040 L0001041 L0001042 L0001043
SRCGROUP Truck    L0001044 L0001045 L0001046 L0001047 L0001048 L0001049
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SRCGROUP Truck    L0001062 L0001063 L0001064 L0001065 L0001066 L0001067
SRCGROUP Truck    L0001068 L0001069 L0001070 L0001071 L0001072 L0001073
SRCGROUP Truck    L0001074 L0001075 L0001076 L0001077 L0001078 L0001079
SRCGROUP Truck    L0001080 L0001081 L0001082 L0001083 L0001084 L0001085
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SRCGROUP Truck    L0001116 L0001117 L0001118 L0001119 L0001120 L0001121
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SRCGROUP Truck    L0001164 L0001165 L0001166 L0001167 L0001168 L0001169
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SRCGROUP Truck    L0001182 L0001183 L0001184 L0001185 L0001186 L0001187
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SRCGROUP Truck    L0001200 L0001201 L0001202 L0001203 L0001204 L0001205
SRCGROUP Truck    L0001206 L0001207 L0001208 L0001209 L0001210 L0001211
SRCGROUP Truck    L0001212 L0001213 L0001214 L0001215 L0001216 L0001217
SRCGROUP Truck    L0001218 L0001219 L0001220 L0001221 L0001222 L0001223
SRCGROUP Truck    L0001224 L0001225 L0001226 L0001227 L0001228 L0001229
SRCGROUP Truck    L0001230 L0001231 L0001232 L0001233 L0001234 L0001235
SRCGROUP Truck    L0001236 L0001237 L0001238 L0001239 L0001240 L0001241
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SRCGROUP Truck    L0001242 L0001243 L0001244 L0001245 L0001246 L0001247
SRCGROUP Truck    L0001248 L0001249 L0001250 L0001251 L0001252 L0001253
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SRCGROUP Truck    L0001542 L0001543 L0001544 L0001545 L0001546 L0001547
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SRCGROUP Truck    L0001578 L0001579 L0001580 L0001581 L0001582 L0001583
SRCGROUP Truck    L0001584 L0001585 L0001586 L0001587 L0001588 L0001589
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SRCGROUP Truck    L0001614 L0001615 L0001616 L0001617 L0001618 L0001619
SRCGROUP Truck    L0001620 L0001621 L0001622 L0001623 L0001624 L0001625
SRCGROUP Truck    L0001626 L0001627 L0001628 L0001629 L0001630 L0001631
SRCGROUP Truck    L0001632 L0001633 L0001634 L0001635 L0001636 L0001637
SRCGROUP Truck    L0001638 L0001639 L0001640 L0001641 L0001642 L0001643
SRCGROUP Truck    L0001644 L0001645 L0001646 L0001647 L0001648 L0001649
SRCGROUP Truck    L0001650 L0001651 L0001652 L0001653 L0001654 L0001655
SRCGROUP Truck    L0001656 L0001657 L0001658 L0001659 L0001660 L0001661
SRCGROUP Truck    L0001662 L0001663 L0001664 L0001665 L0001666 L0001667
SRCGROUP Truck    L0001668 L0001669 L0001670 L0001671 L0001672 L0001673
SRCGROUP Truck    L0001674 L0001675 L0001676 L0001677 L0001678 L0001679
SRCGROUP Truck    L0001680 L0001681 L0001682 L0001683 L0001684 L0001685
SRCGROUP Truck    L0001686 L0001687 L0001688 L0001689 L0001690 L0001691
SRCGROUP Truck    L0001692 L0001693 L0001694 L0001695 L0001696 L0001697
SRCGROUP Truck    L0001698 L0001699 L0001700 L0001701 L0001702 L0001703
SRCGROUP Truck    L0001704 L0001705 L0001706 L0001707 L0001708 L0001709
SRCGROUP Truck    L0001710 L0001711 L0001712 L0001713 L0001714 L0001715
SRCGROUP Truck    L0001716 L0001717 L0001718 L0001719 L0001720 L0001721
SRCGROUP Truck    L0001722 L0001723 L0001724 L0001725 L0001726 L0001727
SRCGROUP Truck    L0001728 L0001729 L0001730 L0001731 L0001732 L0001733
SRCGROUP Truck    L0001734 L0001735 L0001736 L0001737 L0001738 L0001739
SRCGROUP Truck    L0001740 L0001741 L0001742 L0001743 L0001744 L0001745
SRCGROUP Truck    L0001746 L0001747 L0001748 L0001749 L0001750 L0001751
SRCGROUP Truck    L0001752 L0001753 L0001754 L0001755 L0001756 L0001757
SRCGROUP Truck    L0001758 L0001759 L0001760 L0001761 L0001762 L0001763
SRCGROUP Truck    L0001764 L0001765 L0001766 L0001767 L0001768 L0001769
SRCGROUP Truck    L0001770 L0001771 L0001772 L0001773 L0001774 L0001775
SRCGROUP Truck    L0001776 L0001777 L0001778 L0001779 L0001780 L0001781
SRCGROUP Truck    L0001782 L0001783 L0001784 L0001785 L0001786 L0001787
SRCGROUP Truck    L0001788 L0001789 L0001790 L0001791 L0001792 L0001793
SRCGROUP Truck    L0001794 L0001795 L0001796 L0001797 L0001798 L0001799
SRCGROUP Truck    L0001800 L0001801 L0001802 L0001803 L0001804 L0001805
SRCGROUP Truck    L0001806 L0001807 L0001808 L0001809 L0001810 L0001811
SRCGROUP Truck    L0001812 L0001813 L0001814 L0001815 L0001816 L0001817
SRCGROUP Truck    L0001818 L0001819 L0001820 L0001821 L0001822 L0001823
SRCGROUP Truck    L0001824 L0001825 L0001826 L0001827 L0001828 L0001829
SRCGROUP Truck    L0001830 L0001831 L0001832 L0001833 L0001834 L0001835
SRCGROUP Truck    L0001836 L0001837 L0001838 L0001839 L0001840 L0001841
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   SRCGROUP Truck    L0001842 L0001843 L0001844 L0001845 L0001846 L0001847
   SRCGROUP Truck    L0001848 L0001849 L0001850 L0001851 L0001852 L0001853
   SRCGROUP Truck    L0001854 L0001855 L0001856 L0001857 L0001858 L0001859
   SRCGROUP Truck    L0001860 L0001861 L0001862 L0001863 L0001864 L0001865
   SRCGROUP Truck    L0001866 L0001867 L0001868 L0001869 L0001870 L0001871
   SRCGROUP Truck    L0001872 L0001873 L0001874 L0001875 L0001876 L0001877
   SRCGROUP Truck    L0001878 L0001879 L0001880 L0001881 L0001882 L0001883
   SRCGROUP Truck    L0001884 L0001885 L0001886 L0001887 L0001888 L0001889
   SRCGROUP Truck    L0001890 L0001891 L0001892 L0001893 L0001894 L0001895
   SRCGROUP Truck    L0001896 L0001897 L0001898 L0001899 L0001900 L0001901
   SRCGROUP Truck    L0001902 L0001903 L0001904 L0001905 L0001906 L0001907
   SRCGROUP Truck    L0001908 L0001909 L0001910 L0001911 L0001912 L0001913
   SRCGROUP Truck    L0001914 L0001915 L0001916 L0001917 L0001918 L0001919
   SRCGROUP Truck    L0001920 L0001921 L0001922 L0001923 L0001924 L0001925
   SRCGROUP Truck    L0001926 L0001927 L0001928 L0001929 L0001930 L0001931
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Meadows at Sierra Madre.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\AzusaADJU\AZUS_V9_ADJU\AZUS_v9.SFC
   PROFFILE ..\AzusaADJU\AZUS_V9_ADJU\AZUS_v9.PFL
   SURFDATA 3179 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 182.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
```

```
   PLOTFILE 1 ALL 1ST "Meadows at Sierra Madre.AD\01H1GALL.PLT" 31
   PLOTFILE 1 Equip 1ST "Meadows at Sierra Madre.AD\01H1G001.PLT" 32
   PLOTFILE 1 Truck 1ST "Meadows at Sierra Madre.AD\01H1G002.PLT" 33
   PLOTFILE PERIOD ALL "Meadows at Sierra Madre.AD\PE00GALL.PLT" 34
   PLOTFILE PERIOD Equip "Meadows at Sierra Madre.AD\PE00G001.PLT" 35
   PLOTFILE PERIOD Truck "Meadows at Sierra Madre.AD\PE00G002.PLT" 36
   SUMMFILE "Meadows at Sierra Madre.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3438       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    3438       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                             ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
```

```
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for  1518 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9818605.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
         1. Stack-tip Downwash.
         2. Model Accounts for ELEVated Terrain Effects.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.
         6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
         ADJ_U*   - Use ADJ_U* option for SBL in AERMET
         TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:   1518 Source(s);       3 Source Group(s); and    4009
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   1518 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with      0 line(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
```

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 182.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 5.0 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Meadows at Sierra Madre.err

**File for Summary of Results: Meadows at Sierra Madre.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000001	0	0.20833E-02	401802.4	3781868.8	368.4	2.50	4.00	2.33	YES	
L0000002	0	0.20833E-02	401802.5	3781860.2	367.6	2.50	4.00	2.33	YES	
L0000003	0	0.20833E-02	401802.7	3781851.6	366.3	2.50	4.00			

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2.33     YES
 L0000004         0   0.20833E-02  401802.8 3781843.0   364.5     2.50     4.00
2.33     YES
 L0000005         0   0.20833E-02  401803.0 3781834.4   363.1     2.50     4.00
2.33     YES
 L0000006         0   0.20833E-02  401803.1 3781825.8   361.9     2.50     4.00
2.33     YES
 L0000007         0   0.20833E-02  401803.3 3781817.2   360.8     2.50     4.00
2.33     YES
 L0000008         0   0.20833E-02  401803.4 3781808.6   359.8     2.50     4.00
2.33     YES
 L0000009         0   0.20833E-02  401803.6 3781800.0   358.8     2.50     4.00
2.33     YES
 L0000010         0   0.20833E-02  401803.8 3781791.4   357.9     2.50     4.00
2.33     YES
 L0000011         0   0.20833E-02  401803.9 3781782.8   357.0     2.50     4.00
2.33     YES
 L0000012         0   0.20833E-02  401804.1 3781774.2   356.1     2.50     4.00
2.33     YES
 L0000013         0   0.20833E-02  401804.2 3781765.6   355.2     2.50     4.00
2.33     YES
 L0000014         0   0.20833E-02  401804.4 3781757.0   354.3     2.50     4.00
2.33     YES
 L0000015         0   0.20833E-02  401804.5 3781748.4   353.4     2.50     4.00
2.33     YES
 L0000016         0   0.20833E-02  401804.7 3781739.8   352.5     2.50     4.00
2.33     YES
 L0000017         0   0.20833E-02  401804.9 3781731.2   351.6     2.50     4.00
2.33     YES
 L0000018         0   0.20833E-02  401805.0 3781722.6   350.7     2.50     4.00
2.33     YES
 L0000019         0   0.20833E-02  401805.2 3781714.0   349.8     2.50     4.00
2.33     YES
 L0000020         0   0.20833E-02  401805.3 3781705.4   348.9     2.50     4.00
2.33     YES
 L0000021         0   0.20833E-02  401805.5 3781696.8   348.1     2.50     4.00
2.33     YES
 L0000022         0   0.20833E-02  401805.6 3781688.2   347.2     2.50     4.00
2.33     YES
 L0000023         0   0.20833E-02  401805.8 3781679.6   346.4     2.50     4.00
2.33     YES
 L0000024         0   0.20833E-02  401805.9 3781671.0   345.6     2.50     4.00
2.33     YES
 L0000025         0   0.20833E-02  401806.1 3781662.4   344.5     2.50     4.00
2.33     YES
 L0000026         0   0.20833E-02  401806.3 3781653.8   343.6     2.50     4.00
2.33     YES
 L0000027         0   0.20833E-02  401806.4 3781645.2   343.2     2.50     4.00
2.33     YES
 L0000028         0   0.20833E-02  401806.6 3781636.6   342.5     2.50     4.00
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2.33 YES
L0000029 0 0.20833E-02 401806.7 3781628.0 341.9 2.50 4.00
2.33 YES
L0000030 0 0.20833E-02 401813.0 3781625.6 341.6 2.50 4.00
2.33 YES
L0000031 0 0.20833E-02 401821.6 3781625.6 341.5 2.50 4.00
2.33 YES
L0000032 0 0.20833E-02 401830.2 3781625.6 341.4 2.50 4.00
2.33 YES
L0000033 0 0.20833E-02 401838.8 3781625.5 341.1 2.50 4.00
2.33 YES
L0000034 0 0.20833E-02 401847.4 3781625.5 340.5 2.50 4.00
2.33 YES
L0000035 0 0.20833E-02 401856.0 3781625.5 340.6 2.50 4.00
2.33 YES
L0000036 0 0.20833E-02 401864.6 3781625.4 340.6 2.50 4.00
2.33 YES
L0000037 0 0.20833E-02 401873.2 3781625.4 340.6 2.50 4.00
2.33 YES
L0000038 0 0.20833E-02 401881.8 3781625.4 340.3 2.50 4.00
2.33 YES
L0000039 0 0.20833E-02 401890.4 3781625.3 340.2 2.50 4.00
2.33 YES
L0000040 0 0.20833E-02 401899.0 3781625.3 340.0 2.50 4.00
2.33 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000041	0	0.20833E-02	401907.6	3781625.3	339.8	2.50	4.00	2.33	YES	
L0000042	0	0.20833E-02	401916.2	3781625.2	339.8	2.50	4.00	2.33	YES	
L0000043	0	0.20833E-02	401924.8	3781625.2	339.7	2.50	4.00			

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2.33     YES
 L0000044         0   0.20833E-02  401933.4 3781625.2   339.6     2.50     4.00
2.33     YES
 L0000045         0   0.20833E-02  401942.0 3781625.1   339.5     2.50     4.00
2.33     YES
 L0000046         0   0.20833E-02  401950.6 3781625.1   339.5     2.50     4.00
2.33     YES
 L0000047         0   0.20833E-02  401959.2 3781625.1   339.5     2.50     4.00
2.33     YES
 L0000048         0   0.20833E-02  401967.8 3781625.0   339.5     2.50     4.00
2.33     YES
 L0000049         0   0.20833E-02  401976.4 3781625.0   339.6     2.50     4.00
2.33     YES
 L0000050         0   0.20833E-02  401985.0 3781625.0   339.7     2.50     4.00
2.33     YES
 L0000051         0   0.20833E-02  401993.6 3781624.9   339.8     2.50     4.00
2.33     YES
 L0000052         0   0.20833E-02  402002.2 3781624.9   340.0     2.50     4.00
2.33     YES
 L0000053         0   0.20833E-02  402010.8 3781624.8   340.1     2.50     4.00
2.33     YES
 L0000054         0   0.20833E-02  402019.4 3781624.8   339.9     2.50     4.00
2.33     YES
 L0000055         0   0.20833E-02  402028.0 3781624.8   339.9     2.50     4.00
2.33     YES
 L0000056         0   0.20833E-02  402036.6 3781624.7   339.8     2.50     4.00
2.33     YES
 L0000057         0   0.20833E-02  402045.2 3781624.7   339.7     2.50     4.00
2.33     YES
 L0000058         0   0.20833E-02  402053.8 3781624.7   339.8     2.50     4.00
2.33     YES
 L0000059         0   0.20833E-02  402062.4 3781624.6   339.8     2.50     4.00
2.33     YES
 L0000060         0   0.20833E-02  402071.0 3781624.6   339.8     2.50     4.00
2.33     YES
 L0000061         0   0.20833E-02  402079.6 3781624.6   339.7     2.50     4.00
2.33     YES
 L0000062         0   0.20833E-02  402088.2 3781624.5   339.6     2.50     4.00
2.33     YES
 L0000063         0   0.20833E-02  402092.6 3781627.6   339.7     2.50     4.00
2.33     YES
 L0000064         0   0.20833E-02  402089.8 3781635.7   340.6     2.50     4.00
2.33     YES
 L0000065         0   0.20833E-02  402087.1 3781643.8   341.5     2.50     4.00
2.33     YES
 L0000066         0   0.20833E-02  402084.3 3781652.0   342.4     2.50     4.00
2.33     YES
 L0000067         0   0.20833E-02  402081.5 3781660.1   343.4     2.50     4.00
2.33     YES
 L0000068         0   0.20833E-02  402078.8 3781668.3   344.3     2.50     4.00
```

2.33 YES
L0000069 0 0.20833E-02 402076.0 3781676.4 345.3 2.50 4.00
2.33 YES
L0000070 0 0.20833E-02 402073.3 3781684.6 346.4 2.50 4.00
2.33 YES
L0000071 0 0.20833E-02 402070.5 3781692.7 347.4 2.50 4.00
2.33 YES
L0000072 0 0.20833E-02 402067.8 3781700.9 348.7 2.50 4.00
2.33 YES
L0000073 0 0.20833E-02 402065.0 3781709.0 349.6 2.50 4.00
2.33 YES
L0000074 0 0.20833E-02 402062.3 3781717.2 350.3 2.50 4.00
2.33 YES
L0000075 0 0.20833E-02 402059.5 3781725.3 351.2 2.50 4.00
2.33 YES
L0000076 0 0.20833E-02 402056.8 3781733.5 352.3 2.50 4.00
2.33 YES
L0000077 0 0.20833E-02 402054.0 3781741.6 353.2 2.50 4.00
2.33 YES
L0000078 0 0.20833E-02 402051.2 3781749.8 354.2 2.50 4.00
2.33 YES
L0000079 0 0.20833E-02 402048.5 3781757.9 355.1 2.50 4.00
2.33 YES
L0000080 0 0.20833E-02 402045.7 3781766.1 356.0 2.50 4.00
2.33 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000081	0	0.20833E-02	402043.0	3781774.2	357.1	2.50	4.00	2.33	YES	
L0000082	0	0.20833E-02	402040.2	3781782.3	358.1	2.50	4.00	2.33	YES	
L0000083	0	0.20833E-02	402041.8	3781790.8	359.0	2.50	4.00			

2.33 YES
L0000084 0 0.20833E-02 402043.4 3781799.2 359.9 2.50 4.00
2.33 YES
L0000085 0 0.20833E-02 402045.1 3781807.7 360.9 2.50 4.00
2.33 YES
L0000086 0 0.20833E-02 402046.8 3781816.1 362.0 2.50 4.00
2.33 YES
L0000087 0 0.20833E-02 402042.5 3781819.4 362.4 2.50 4.00
2.33 YES
L0000088 0 0.20833E-02 402033.9 3781819.1 362.6 2.50 4.00
2.33 YES
L0000089 0 0.20833E-02 402025.3 3781818.7 362.7 2.50 4.00
2.33 YES
L0000090 0 0.20833E-02 402016.7 3781818.3 362.9 2.50 4.00
2.33 YES
L0000091 0 0.20833E-02 402008.2 3781817.9 363.1 2.50 4.00
2.33 YES
L0000092 0 0.20833E-02 401999.6 3781817.5 363.0 2.50 4.00
2.33 YES
L0000093 0 0.20833E-02 401991.0 3781817.1 363.0 2.50 4.00
2.33 YES
L0000094 0 0.20833E-02 401982.4 3781816.8 363.0 2.50 4.00
2.33 YES
L0000095 0 0.20833E-02 401973.8 3781816.4 363.0 2.50 4.00
2.33 YES
L0000096 0 0.20833E-02 401965.2 3781816.0 363.1 2.50 4.00
2.33 YES
L0000097 0 0.20833E-02 401956.6 3781815.6 363.2 2.50 4.00
2.33 YES
L0000098 0 0.20833E-02 401948.0 3781815.2 362.6 2.50 4.00
2.33 YES
L0000099 0 0.20833E-02 401939.4 3781814.8 361.7 2.50 4.00
2.33 YES
L0000100 0 0.20833E-02 401930.8 3781814.5 361.2 2.50 4.00
2.33 YES
L0000101 0 0.20833E-02 401922.2 3781814.1 361.0 2.50 4.00
2.33 YES
L0000102 0 0.20833E-02 401913.7 3781813.7 360.9 2.50 4.00
2.33 YES
L0000103 0 0.20833E-02 401906.7 3781816.8 361.0 2.50 4.00
2.33 YES
L0000104 0 0.20833E-02 401901.6 3781823.7 361.4 2.50 4.00
2.33 YES
L0000105 0 0.20833E-02 401896.5 3781830.6 361.9 2.50 4.00
2.33 YES
L0000106 0 0.20833E-02 401891.5 3781837.6 362.4 2.50 4.00
2.33 YES
L0000107 0 0.20833E-02 401886.4 3781844.5 363.0 2.50 4.00
2.33 YES
L0000108 0 0.20833E-02 401881.3 3781851.4 363.6 2.50 4.00

2.33 YES
L0000109 0 0.20833E-02 401876.2 3781858.4 364.9 2.50 4.00
2.33 YES
L0000110 0 0.20833E-02 401871.1 3781865.3 365.8 2.50 4.00
2.33 YES
L0000111 0 0.20833E-02 401866.0 3781872.2 366.8 2.50 4.00
2.33 YES
L0000112 0 0.20833E-02 401857.6 3781872.4 367.4 2.50 4.00
2.33 YES
L0000113 0 0.20833E-02 401849.0 3781872.3 367.7 2.50 4.00
2.33 YES
L0000114 0 0.20833E-02 401840.4 3781872.2 367.8 2.50 4.00
2.33 YES
L0000115 0 0.20833E-02 401831.8 3781872.1 367.7 2.50 4.00
2.33 YES
L0000116 0 0.20833E-02 401823.2 3781872.0 367.7 2.50 4.00
2.33 YES
L0000117 0 0.20833E-02 401821.4 3781865.2 367.7 2.50 4.00
2.33 YES
L0000118 0 0.20833E-02 401821.4 3781856.6 366.7 2.50 4.00
2.33 YES
L0000119 0 0.20833E-02 401821.3 3781848.0 365.1 2.50 4.00
2.33 YES
L0000120 0 0.20833E-02 401821.3 3781839.4 363.4 2.50 4.00
2.33 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000121	0	0.20833E-02	401821.3	3781830.8	362.3	2.50	4.00	2.33	YES	
L0000122	0	0.20833E-02	401821.3	3781822.2	361.2	2.50	4.00	2.33	YES	
L0000123	0	0.20833E-02	401821.3	3781813.6	360.2	2.50	4.00			

2.33 YES
L0000124 0 0.20833E-02 401821.2 3781805.0 359.2 2.50 4.00
2.33 YES
L0000125 0 0.20833E-02 401821.2 3781796.4 358.2 2.50 4.00
2.33 YES
L0000126 0 0.20833E-02 401821.2 3781787.8 357.3 2.50 4.00
2.33 YES
L0000127 0 0.20833E-02 401821.2 3781779.2 356.3 2.50 4.00
2.33 YES
L0000128 0 0.20833E-02 401821.1 3781770.6 355.4 2.50 4.00
2.33 YES
L0000129 0 0.20833E-02 401821.1 3781762.0 354.4 2.50 4.00
2.33 YES
L0000130 0 0.20833E-02 401821.1 3781753.4 353.5 2.50 4.00
2.33 YES
L0000131 0 0.20833E-02 401821.1 3781744.8 352.6 2.50 4.00
2.33 YES
L0000132 0 0.20833E-02 401821.1 3781736.2 351.7 2.50 4.00
2.33 YES
L0000133 0 0.20833E-02 401821.0 3781727.6 350.8 2.50 4.00
2.33 YES
L0000134 0 0.20833E-02 401821.0 3781719.0 350.0 2.50 4.00
2.33 YES
L0000135 0 0.20833E-02 401821.0 3781710.4 349.1 2.50 4.00
2.33 YES
L0000136 0 0.20833E-02 401821.0 3781701.8 348.3 2.50 4.00
2.33 YES
L0000137 0 0.20833E-02 401821.0 3781693.2 347.5 2.50 4.00
2.33 YES
L0000138 0 0.20833E-02 401820.9 3781684.6 346.7 2.50 4.00
2.33 YES
L0000139 0 0.20833E-02 401820.9 3781676.0 345.8 2.50 4.00
2.33 YES
L0000140 0 0.20833E-02 401820.9 3781667.4 345.0 2.50 4.00
2.33 YES
L0000141 0 0.20833E-02 401820.9 3781658.8 344.2 2.50 4.00
2.33 YES
L0000142 0 0.20833E-02 401820.9 3781650.2 343.1 2.50 4.00
2.33 YES
L0000143 0 0.20833E-02 401820.8 3781641.6 342.5 2.50 4.00
2.33 YES
L0000144 0 0.20833E-02 401828.7 3781640.8 342.3 2.50 4.00
2.33 YES
L0000145 0 0.20833E-02 401837.3 3781640.7 342.1 2.50 4.00
2.33 YES
L0000146 0 0.20833E-02 401845.9 3781640.7 342.2 2.50 4.00
2.33 YES
L0000147 0 0.20833E-02 401854.5 3781640.6 342.3 2.50 4.00
2.33 YES
L0000148 0 0.20833E-02 401863.1 3781640.5 342.0 2.50 4.00

2.33 YES
L0000149 0 0.20833E-02 401871.7 3781640.5 341.9 2.50 4.00
2.33 YES
L0000150 0 0.20833E-02 401880.3 3781640.4 341.6 2.50 4.00
2.33 YES
L0000151 0 0.20833E-02 401888.9 3781640.4 341.2 2.50 4.00
2.33 YES
L0000152 0 0.20833E-02 401897.5 3781640.3 341.2 2.50 4.00
2.33 YES
L0000153 0 0.20833E-02 401906.1 3781640.3 341.1 2.50 4.00
2.33 YES
L0000154 0 0.20833E-02 401914.7 3781640.2 341.0 2.50 4.00
2.33 YES
L0000155 0 0.20833E-02 401923.3 3781640.1 340.9 2.50 4.00
2.33 YES
L0000156 0 0.20833E-02 401931.9 3781640.1 340.9 2.50 4.00
2.33 YES
L0000157 0 0.20833E-02 401940.5 3781640.0 340.9 2.50 4.00
2.33 YES
L0000158 0 0.20833E-02 401949.1 3781640.0 340.9 2.50 4.00
2.33 YES
L0000159 0 0.20833E-02 401957.7 3781639.9 340.9 2.50 4.00
2.33 YES
L0000160 0 0.20833E-02 401966.3 3781639.8 341.1 2.50 4.00
2.33 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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L0000161	0	0.20833E-02	401974.9	3781639.8	341.4	2.50	4.00	2.33	YES	
L0000162	0	0.20833E-02	401983.5	3781639.7	341.6	2.50	4.00	2.33	YES	
L0000163	0	0.20833E-02	401992.1	3781639.7	341.9	2.50	4.00			

2.33 YES
L0000164 0 0.20833E-02 402000.7 3781639.6 342.2 2.50 4.00
2.33 YES
L0000165 0 0.20833E-02 402009.3 3781639.6 342.3 2.50 4.00
2.33 YES
L0000166 0 0.20833E-02 402017.9 3781639.5 342.3 2.50 4.00
2.33 YES
L0000167 0 0.20833E-02 402026.5 3781639.4 342.3 2.50 4.00
2.33 YES
L0000168 0 0.20833E-02 402035.1 3781639.4 342.3 2.50 4.00
2.33 YES
L0000169 0 0.20833E-02 402043.7 3781639.3 342.2 2.50 4.00
2.33 YES
L0000170 0 0.20833E-02 402052.3 3781639.3 342.0 2.50 4.00
2.33 YES
L0000171 0 0.20833E-02 402060.9 3781639.2 341.9 2.50 4.00
2.33 YES
L0000172 0 0.20833E-02 402068.6 3781639.8 341.8 2.50 4.00
2.33 YES
L0000173 0 0.20833E-02 402066.1 3781648.0 342.9 2.50 4.00
2.33 YES
L0000174 0 0.20833E-02 402063.5 3781656.2 344.0 2.50 4.00
2.33 YES
L0000175 0 0.20833E-02 402061.0 3781664.4 345.1 2.50 4.00
2.33 YES
L0000176 0 0.20833E-02 402058.4 3781672.6 346.0 2.50 4.00
2.33 YES
L0000177 0 0.20833E-02 402055.8 3781680.8 346.9 2.50 4.00
2.33 YES
L0000178 0 0.20833E-02 402053.3 3781689.0 347.9 2.50 4.00
2.33 YES
L0000179 0 0.20833E-02 402050.7 3781697.2 348.9 2.50 4.00
2.33 YES
L0000180 0 0.20833E-02 402048.2 3781705.5 349.9 2.50 4.00
2.33 YES
L0000181 0 0.20833E-02 402045.6 3781713.7 350.8 2.50 4.00
2.33 YES
L0000182 0 0.20833E-02 402043.0 3781721.9 351.7 2.50 4.00
2.33 YES
L0000183 0 0.20833E-02 402040.5 3781730.1 352.6 2.50 4.00
2.33 YES
L0000184 0 0.20833E-02 402037.9 3781738.3 353.5 2.50 4.00
2.33 YES
L0000185 0 0.20833E-02 402035.4 3781746.5 354.4 2.50 4.00
2.33 YES
L0000186 0 0.20833E-02 402032.8 3781754.7 355.3 2.50 4.00
2.33 YES
L0000187 0 0.20833E-02 402030.2 3781762.9 356.2 2.50 4.00
2.33 YES
L0000188 0 0.20833E-02 402027.7 3781771.1 357.0 2.50 4.00

2.33 YES
L0000189 0 0.20833E-02 402025.1 3781779.3 357.9 2.50 4.00
2.33 YES
L0000190 0 0.20833E-02 402022.8 3781787.6 359.0 2.50 4.00
2.33 YES
L0000191 0 0.20833E-02 402024.8 3781795.9 359.9 2.50 4.00
2.33 YES
L0000192 0 0.20833E-02 402026.8 3781804.3 360.8 2.50 4.00
2.33 YES
L0000193 0 0.20833E-02 402020.6 3781805.7 361.0 2.50 4.00
2.33 YES
L0000194 0 0.20833E-02 402012.0 3781805.2 361.2 2.50 4.00
2.33 YES
L0000195 0 0.20833E-02 402003.4 3781804.6 361.3 2.50 4.00
2.33 YES
L0000196 0 0.20833E-02 401994.8 3781804.0 361.4 2.50 4.00
2.33 YES
L0000197 0 0.20833E-02 401986.2 3781803.4 361.4 2.50 4.00
2.33 YES
L0000198 0 0.20833E-02 401977.6 3781802.9 361.4 2.50 4.00
2.33 YES
L0000199 0 0.20833E-02 401969.1 3781802.3 361.3 2.50 4.00
2.33 YES
L0000200 0 0.20833E-02 401960.5 3781801.7 361.3 2.50 4.00
2.33 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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L0000201	0	0.20833E-02	401951.9	3781801.1	361.1	2.50	4.00	2.33	YES	
L0000202	0	0.20833E-02	401943.3	3781800.6	360.6	2.50	4.00	2.33	YES	
L0000203	0	0.20833E-02	401934.7	3781800.0	360.2	2.50	4.00			

```
2.33     YES
 L0000204         0   0.20833E-02  401926.2 3781799.4   360.0     2.50     4.00
2.33     YES
 L0000205         0   0.20833E-02  401917.6 3781798.8   359.8     2.50     4.00
2.33     YES
 L0000206         0   0.20833E-02  401909.0 3781798.3   359.6     2.50     4.00
2.33     YES
 L0000207         0   0.20833E-02  401900.8 3781798.4   359.5     2.50     4.00
2.33     YES
 L0000208         0   0.20833E-02  401896.1 3781805.6   360.2     2.50     4.00
2.33     YES
 L0000209         0   0.20833E-02  401891.4 3781812.8   360.7     2.50     4.00
2.33     YES
 L0000210         0   0.20833E-02  401886.7 3781820.0   361.2     2.50     4.00
2.33     YES
 L0000211         0   0.20833E-02  401882.0 3781827.2   361.7     2.50     4.00
2.33     YES
 L0000212         0   0.20833E-02  401877.2 3781834.4   362.3     2.50     4.00
2.33     YES
 L0000213         0   0.20833E-02  401872.5 3781841.6   362.9     2.50     4.00
2.33     YES
 L0000214         0   0.20833E-02  401867.8 3781848.8   363.9     2.50     4.00
2.33     YES
 L0000215         0   0.20833E-02  401863.1 3781856.0   365.2     2.50     4.00
2.33     YES
 L0000216         0   0.20833E-02  401856.5 3781859.8   366.5     2.50     4.00
2.33     YES
 L0000217         0   0.20833E-02  401847.9 3781860.2   367.3     2.50     4.00
2.33     YES
 L0000218         0   0.20833E-02  401839.3 3781860.5   367.4     2.50     4.00
2.33     YES
 L0000219         0   0.20833E-02  401834.9 3781856.5   366.7     2.50     4.00
2.33     YES
 L0000220         0   0.20833E-02  401834.8 3781847.9   364.9     2.50     4.00
2.33     YES
 L0000221         0   0.20833E-02  401834.8 3781839.3   363.2     2.50     4.00
2.33     YES
 L0000222         0   0.20833E-02  401834.7 3781830.7   362.1     2.50     4.00
2.33     YES
 L0000223         0   0.20833E-02  401834.7 3781822.1   361.1     2.50     4.00
2.33     YES
 L0000224         0   0.20833E-02  401834.6 3781813.5   360.1     2.50     4.00
2.33     YES
 L0000225         0   0.20833E-02  401834.6 3781804.9   359.1     2.50     4.00
2.33     YES
 L0000226         0   0.20833E-02  401834.5 3781796.3   358.1     2.50     4.00
2.33     YES
 L0000227         0   0.20833E-02  401834.5 3781787.7   357.1     2.50     4.00
2.33     YES
 L0000228         0   0.20833E-02  401834.4 3781779.1   356.1     2.50     4.00
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2.33 YES
L0000229 0 0.20833E-02 401834.4 3781770.5 355.2 2.50 4.00
2.33 YES
L0000230 0 0.20833E-02 401834.3 3781761.9 354.2 2.50 4.00
2.33 YES
L0000231 0 0.20833E-02 401834.3 3781753.3 353.2 2.50 4.00
2.33 YES
L0000232 0 0.20833E-02 401834.3 3781744.7 352.3 2.50 4.00
2.33 YES
L0000233 0 0.20833E-02 401834.2 3781736.1 351.4 2.50 4.00
2.33 YES
L0000234 0 0.20833E-02 401834.2 3781727.5 350.5 2.50 4.00
2.33 YES
L0000235 0 0.20833E-02 401834.1 3781718.9 349.6 2.50 4.00
2.33 YES
L0000236 0 0.20833E-02 401834.1 3781710.3 348.8 2.50 4.00
2.33 YES
L0000237 0 0.20833E-02 401834.0 3781701.7 348.0 2.50 4.00
2.33 YES
L0000238 0 0.20833E-02 401834.0 3781693.1 347.2 2.50 4.00
2.33 YES
L0000239 0 0.20833E-02 401833.9 3781684.5 346.4 2.50 4.00
2.33 YES
L0000240 0 0.20833E-02 401833.9 3781675.9 345.7 2.50 4.00
2.33 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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L0000241	0	0.20833E-02	401833.8	3781667.3	344.9	2.50	4.00	2.33	YES	
L0000242	0	0.20833E-02	401833.8	3781658.7	344.1	2.50	4.00	2.33	YES	
L0000243	0	0.20833E-02	401840.2	3781656.5	343.7	2.50	4.00			

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2.33     YES
 L0000244         0   0.20833E-02  401848.8 3781656.4   343.6     2.50     4.00
2.33     YES
 L0000245         0   0.20833E-02  401857.4 3781656.3   343.6     2.50     4.00
2.33     YES
 L0000246         0   0.20833E-02  401866.0 3781656.2   343.2     2.50     4.00
2.33     YES
 L0000247         0   0.20833E-02  401874.6 3781656.1   343.0     2.50     4.00
2.33     YES
 L0000248         0   0.20833E-02  401883.2 3781656.0   342.6     2.50     4.00
2.33     YES
 L0000249         0   0.20833E-02  401891.8 3781656.0   342.7     2.50     4.00
2.33     YES
 L0000250         0   0.20833E-02  401900.4 3781655.9   342.6     2.50     4.00
2.33     YES
 L0000251         0   0.20833E-02  401909.0 3781655.8   342.6     2.50     4.00
2.33     YES
 L0000252         0   0.20833E-02  401917.6 3781655.7   342.5     2.50     4.00
2.33     YES
 L0000253         0   0.20833E-02  401926.2 3781655.6   342.5     2.50     4.00
2.33     YES
 L0000254         0   0.20833E-02  401934.8 3781655.5   342.4     2.50     4.00
2.33     YES
 L0000255         0   0.20833E-02  401943.4 3781655.4   342.5     2.50     4.00
2.33     YES
 L0000256         0   0.20833E-02  401952.0 3781655.3   342.6     2.50     4.00
2.33     YES
 L0000257         0   0.20833E-02  401960.6 3781655.2   342.8     2.50     4.00
2.33     YES
 L0000258         0   0.20833E-02  401969.2 3781655.1   343.1     2.50     4.00
2.33     YES
 L0000259         0   0.20833E-02  401977.8 3781655.0   343.4     2.50     4.00
2.33     YES
 L0000260         0   0.20833E-02  401986.4 3781654.9   343.7     2.50     4.00
2.33     YES
 L0000261         0   0.20833E-02  401995.0 3781654.8   344.0     2.50     4.00
2.33     YES
 L0000262         0   0.20833E-02  402003.6 3781654.7   344.4     2.50     4.00
2.33     YES
 L0000263         0   0.20833E-02  402012.2 3781654.7   344.6     2.50     4.00
2.33     YES
 L0000264         0   0.20833E-02  402020.8 3781654.6   344.6     2.50     4.00
2.33     YES
 L0000265         0   0.20833E-02  402029.4 3781654.5   344.6     2.50     4.00
2.33     YES
 L0000266         0   0.20833E-02  402038.0 3781654.4   344.5     2.50     4.00
2.33     YES
 L0000267         0   0.20833E-02  402040.7 3781659.0   345.0     2.50     4.00
2.33     YES
 L0000268         0   0.20833E-02  402038.6 3781667.3   346.1     2.50     4.00
```

2.33 YES
L0000269 0 0.20833E-02 402036.5 3781675.6 347.2 2.50 4.00
2.33 YES
L0000270 0 0.20833E-02 402034.3 3781684.0 348.1 2.50 4.00
2.33 YES
L0000271 0 0.20833E-02 402032.2 3781692.3 349.1 2.50 4.00
2.33 YES
L0000272 0 0.20833E-02 402030.1 3781700.6 350.1 2.50 4.00
2.33 YES
L0000273 0 0.20833E-02 402028.0 3781709.0 350.9 2.50 4.00
2.33 YES
L0000274 0 0.20833E-02 402025.9 3781717.3 351.7 2.50 4.00
2.33 YES
L0000275 0 0.20833E-02 402023.8 3781725.6 352.5 2.50 4.00
2.33 YES
L0000276 0 0.20833E-02 402021.7 3781734.0 353.3 2.50 4.00
2.33 YES
L0000277 0 0.20833E-02 402019.6 3781742.3 354.2 2.50 4.00
2.33 YES
L0000278 0 0.20833E-02 402017.5 3781750.7 355.0 2.50 4.00
2.33 YES
L0000279 0 0.20833E-02 402015.4 3781759.0 355.9 2.50 4.00
2.33 YES
L0000280 0 0.20833E-02 402013.2 3781767.3 356.7 2.50 4.00
2.33 YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000281	0	0.20833E-02	402011.1	3781775.7	357.6	2.50	4.00	2.33	YES	
L0000282	0	0.20833E-02	402009.0	3781784.0	358.7	2.50	4.00	2.33	YES	
L0000283	0	0.20833E-02	402006.7	3781792.1	359.7	2.50	4.00			

2.33 YES
L0000284 0 0.20833E-02 401998.2 3781791.4 359.7 2.50 4.00
2.33 YES
L0000285 0 0.20833E-02 401989.6 3781790.8 359.6 2.50 4.00
2.33 YES
L0000286 0 0.20833E-02 401981.0 3781790.1 359.4 2.50 4.00
2.33 YES
L0000287 0 0.20833E-02 401972.4 3781789.4 359.3 2.50 4.00
2.33 YES
L0000288 0 0.20833E-02 401963.9 3781788.8 359.3 2.50 4.00
2.33 YES
L0000289 0 0.20833E-02 401955.3 3781788.1 359.3 2.50 4.00
2.33 YES
L0000290 0 0.20833E-02 401946.7 3781787.4 359.2 2.50 4.00
2.33 YES
L0000291 0 0.20833E-02 401938.1 3781786.7 358.7 2.50 4.00
2.33 YES
L0000292 0 0.20833E-02 401929.6 3781786.1 358.1 2.50 4.00
2.33 YES
L0000293 0 0.20833E-02 401921.0 3781785.4 357.4 2.50 4.00
2.33 YES
L0000294 0 0.20833E-02 401912.4 3781784.7 356.9 2.50 4.00
2.33 YES
L0000295 0 0.20833E-02 401903.9 3781784.1 356.4 2.50 4.00
2.33 YES
L0000296 0 0.20833E-02 401895.3 3781783.4 356.0 2.50 4.00
2.33 YES
L0000297 0 0.20833E-02 401889.3 3781787.5 356.5 2.50 4.00
2.33 YES
L0000298 0 0.20833E-02 401885.2 3781795.1 358.4 2.50 4.00
2.33 YES
L0000299 0 0.20833E-02 401881.1 3781802.6 359.8 2.50 4.00
2.33 YES
L0000300 0 0.20833E-02 401877.0 3781810.2 360.4 2.50 4.00
2.33 YES
L0000301 0 0.20833E-02 401872.9 3781817.7 360.6 2.50 4.00
2.33 YES
L0000302 0 0.20833E-02 401868.8 3781825.3 361.1 2.50 4.00
2.33 YES
L0000303 0 0.20833E-02 401864.6 3781832.8 362.0 2.50 4.00
2.33 YES
L0000304 0 0.20833E-02 401860.5 3781840.4 363.0 2.50 4.00
2.33 YES
L0000305 0 0.20833E-02 401856.0 3781847.3 364.3 2.50 4.00
2.33 YES
L0000306 0 0.20833E-02 401848.4 3781847.4 364.6 2.50 4.00
2.33 YES
L0000307 0 0.20833E-02 401848.3 3781838.8 362.9 2.50 4.00
2.33 YES
L0000308 0 0.20833E-02 401848.3 3781830.2 361.9 2.50 4.00

2.33 YES
L0000309 0 0.20833E-02 401848.2 3781821.6 360.8 2.50 4.00
2.33 YES
L0000310 0 0.20833E-02 401848.2 3781813.0 359.8 2.50 4.00
2.33 YES
L0000311 0 0.20833E-02 401848.1 3781804.4 358.9 2.50 4.00
2.33 YES
L0000312 0 0.20833E-02 401848.1 3781795.8 357.9 2.50 4.00
2.33 YES
L0000313 0 0.20833E-02 401848.0 3781787.2 356.9 2.50 4.00
2.33 YES
L0000314 0 0.20833E-02 401847.9 3781778.6 355.9 2.50 4.00
2.33 YES
L0000315 0 0.20833E-02 401847.9 3781770.0 355.0 2.50 4.00
2.33 YES
L0000316 0 0.20833E-02 401847.8 3781761.4 354.0 2.50 4.00
2.33 YES
L0000317 0 0.20833E-02 401847.8 3781752.8 353.0 2.50 4.00
2.33 YES
L0000318 0 0.20833E-02 401847.7 3781744.2 352.0 2.50 4.00
2.33 YES
L0000319 0 0.20833E-02 401847.7 3781735.6 351.1 2.50 4.00
2.33 YES
L0000320 0 0.20833E-02 401847.6 3781727.0 350.2 2.50 4.00
2.33 YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY
L0000321	0	0.20833E-02	401847.6	3781718.4	349.3	2.50	4.00	2.33	YES
L0000322	0	0.20833E-02	401847.5	3781709.8	348.5	2.50	4.00	2.33	YES
L0000323	0	0.20833E-02	401847.5	3781701.2	347.6	2.50	4.00		

```
2.33     YES
 L0000324         0   0.20833E-02  401847.4 3781692.6   346.8     2.50     4.00
2.33     YES
 L0000325         0   0.20833E-02  401847.3 3781684.0   346.0     2.50     4.00
2.33     YES
 L0000326         0   0.20833E-02  401847.3 3781675.4   345.3     2.50     4.00
2.33     YES
 L0000327         0   0.20833E-02  401851.6 3781671.1   344.8     2.50     4.00
2.33     YES
 L0000328         0   0.20833E-02  401860.2 3781671.0   344.7     2.50     4.00
2.33     YES
 L0000329         0   0.20833E-02  401868.8 3781670.9   344.4     2.50     4.00
2.33     YES
 L0000330         0   0.20833E-02  401877.4 3781670.8   344.2     2.50     4.00
2.33     YES
 L0000331         0   0.20833E-02  401886.0 3781670.7   344.0     2.50     4.00
2.33     YES
 L0000332         0   0.20833E-02  401894.6 3781670.6   343.9     2.50     4.00
2.33     YES
 L0000333         0   0.20833E-02  401903.2 3781670.5   344.0     2.50     4.00
2.33     YES
 L0000334         0   0.20833E-02  401911.8 3781670.4   344.0     2.50     4.00
2.33     YES
 L0000335         0   0.20833E-02  401920.4 3781670.2   344.1     2.50     4.00
2.33     YES
 L0000336         0   0.20833E-02  401929.0 3781670.1   344.2     2.50     4.00
2.33     YES
 L0000337         0   0.20833E-02  401937.6 3781670.0   344.3     2.50     4.00
2.33     YES
 L0000338         0   0.20833E-02  401946.2 3781669.9   344.3     2.50     4.00
2.33     YES
 L0000339         0   0.20833E-02  401954.8 3781669.8   344.4     2.50     4.00
2.33     YES
 L0000340         0   0.20833E-02  401963.4 3781669.7   344.6     2.50     4.00
2.33     YES
 L0000341         0   0.20833E-02  401972.0 3781669.6   345.0     2.50     4.00
2.33     YES
 L0000342         0   0.20833E-02  401980.6 3781669.5   345.4     2.50     4.00
2.33     YES
 L0000343         0   0.20833E-02  401989.2 3781669.3   345.7     2.50     4.00
2.33     YES
 L0000344         0   0.20833E-02  401997.8 3781669.2   346.0     2.50     4.00
2.33     YES
 L0000345         0   0.20833E-02  402006.4 3781669.1   346.4     2.50     4.00
2.33     YES
 L0000346         0   0.20833E-02  402015.0 3781669.0   346.5     2.50     4.00
2.33     YES
 L0000347         0   0.20833E-02  402018.5 3781673.1   347.0     2.50     4.00
2.33     YES
 L0000348         0   0.20833E-02  402016.6 3781681.5   348.0     2.50     4.00
```

2.33 YES
L0000349 0 0.20833E-02 402014.8 3781689.9 348.9 2.50 4.00
2.33 YES
L0000350 0 0.20833E-02 402013.0 3781698.3 349.8 2.50 4.00
2.33 YES
L0000351 0 0.20833E-02 402011.2 3781706.7 350.4 2.50 4.00
2.33 YES
L0000352 0 0.20833E-02 402009.4 3781715.1 351.3 2.50 4.00
2.33 YES
L0000353 0 0.20833E-02 402007.6 3781723.6 352.1 2.50 4.00
2.33 YES
L0000354 0 0.20833E-02 402005.8 3781732.0 353.0 2.50 4.00
2.33 YES
L0000355 0 0.20833E-02 402003.9 3781740.4 353.9 2.50 4.00
2.33 YES
L0000356 0 0.20833E-02 402002.1 3781748.8 354.8 2.50 4.00
2.33 YES
L0000357 0 0.20833E-02 402000.3 3781757.2 355.7 2.50 4.00
2.33 YES
L0000358 0 0.20833E-02 401998.5 3781765.6 356.5 2.50 4.00
2.33 YES
L0000359 0 0.20833E-02 401996.7 3781774.0 357.4 2.50 4.00
2.33 YES
L0000360 0 0.20833E-02 401989.6 3781775.3 357.6 2.50 4.00
2.33 YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000361	0	0.20833E-02	401981.0	3781774.6	357.3	2.50	4.00	2.33	YES	
L0000362	0	0.20833E-02	401972.4	3781773.9	357.2	2.50	4.00	2.33	YES	
L0000363	0	0.20833E-02	401963.9	3781773.2	357.2	2.50	4.00			

2.33 YES
L0000364 0 0.20833E-02 401955.3 3781772.5 357.2 2.50 4.00
2.33 YES
L0000365 0 0.20833E-02 401946.7 3781771.9 357.2 2.50 4.00
2.33 YES
L0000366 0 0.20833E-02 401938.1 3781771.2 357.0 2.50 4.00
2.33 YES
L0000367 0 0.20833E-02 401929.6 3781770.5 356.4 2.50 4.00
2.33 YES
L0000368 0 0.20833E-02 401921.0 3781769.8 355.8 2.50 4.00
2.33 YES
L0000369 0 0.20833E-02 401912.4 3781769.1 355.2 2.50 4.00
2.33 YES
L0000370 0 0.20833E-02 401903.8 3781768.4 354.5 2.50 4.00
2.33 YES
L0000371 0 0.20833E-02 401895.3 3781767.8 354.1 2.50 4.00
2.33 YES
L0000372 0 0.20833E-02 401886.7 3781767.1 353.7 2.50 4.00
2.33 YES
L0000373 0 0.20833E-02 401881.0 3781771.5 354.3 2.50 4.00
2.33 YES
L0000374 0 0.20833E-02 401877.4 3781779.2 355.5 2.50 4.00
2.33 YES
L0000375 0 0.20833E-02 401873.7 3781787.0 356.5 2.50 4.00
2.33 YES
L0000376 0 0.20833E-02 401870.0 3781794.8 357.5 2.50 4.00
2.33 YES
L0000377 0 0.20833E-02 401866.3 3781802.5 358.3 2.50 4.00
2.33 YES
L0000378 0 0.20833E-02 401862.6 3781810.3 359.3 2.50 4.00
2.33 YES
L0000379 0 0.20833E-02 401862.5 3781802.5 358.3 2.50 4.00
2.33 YES
L0000380 0 0.20833E-02 401862.5 3781793.9 357.3 2.50 4.00
2.33 YES
L0000381 0 0.20833E-02 401862.6 3781785.3 356.4 2.50 4.00
2.33 YES
L0000382 0 0.20833E-02 401862.6 3781776.7 355.4 2.50 4.00
2.33 YES
L0000383 0 0.20833E-02 401862.6 3781768.1 354.4 2.50 4.00
2.33 YES
L0000384 0 0.20833E-02 401862.7 3781759.5 353.5 2.50 4.00
2.33 YES
L0000385 0 0.20833E-02 401862.7 3781750.9 352.5 2.50 4.00
2.33 YES
L0000386 0 0.20833E-02 401862.8 3781742.3 351.5 2.50 4.00
2.33 YES
L0000387 0 0.20833E-02 401862.8 3781733.7 350.6 2.50 4.00
2.33 YES
L0000388 0 0.20833E-02 401862.8 3781725.1 349.7 2.50 4.00

2.33 YES
L0000389 0 0.20833E-02 401862.9 3781716.5 348.8 2.50 4.00
2.33 YES
L0000390 0 0.20833E-02 401862.9 3781707.9 347.9 2.50 4.00
2.33 YES
L0000391 0 0.20833E-02 401863.0 3781699.3 347.1 2.50 4.00
2.33 YES
L0000392 0 0.20833E-02 401863.0 3781690.7 346.4 2.50 4.00
2.33 YES
L0000393 0 0.20833E-02 401866.8 3781685.7 345.8 2.50 4.00
2.33 YES
L0000394 0 0.20833E-02 401875.4 3781685.6 345.6 2.50 4.00
2.33 YES
L0000395 0 0.20833E-02 401884.0 3781685.4 345.2 2.50 4.00
2.33 YES
L0000396 0 0.20833E-02 401892.6 3781685.2 345.2 2.50 4.00
2.33 YES
L0000397 0 0.20833E-02 401901.1 3781685.0 345.3 2.50 4.00
2.33 YES
L0000398 0 0.20833E-02 401909.7 3781684.9 345.5 2.50 4.00
2.33 YES
L0000399 0 0.20833E-02 401918.3 3781684.7 345.7 2.50 4.00
2.33 YES
L0000400 0 0.20833E-02 401926.9 3781684.5 345.9 2.50 4.00
2.33 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000401	0	0.20833E-02	401935.5	3781684.3	346.0	2.50	4.00	2.33	YES	
L0000402	0	0.20833E-02	401944.1	3781684.1	345.9	2.50	4.00	2.33	YES	
L0000403	0	0.20833E-02	401952.7	3781684.0	346.0	2.50	4.00			

2.33 YES
L0000404 0 0.20833E-02 401961.3 3781683.8 346.0 2.50 4.00
2.33 YES
L0000405 0 0.20833E-02 401969.9 3781683.6 346.4 2.50 4.00
2.33 YES
L0000406 0 0.20833E-02 401978.5 3781683.4 346.9 2.50 4.00
2.33 YES
L0000407 0 0.20833E-02 401987.1 3781683.2 347.2 2.50 4.00
2.33 YES
L0000408 0 0.20833E-02 401995.7 3781683.1 347.5 2.50 4.00
2.33 YES
L0000409 0 0.20833E-02 401997.0 3781689.3 348.2 2.50 4.00
2.33 YES
L0000410 0 0.20833E-02 401995.7 3781697.8 349.0 2.50 4.00
2.33 YES
L0000411 0 0.20833E-02 401994.4 3781706.3 349.8 2.50 4.00
2.33 YES
L0000412 0 0.20833E-02 401993.1 3781714.8 350.7 2.50 4.00
2.33 YES
L0000413 0 0.20833E-02 401991.8 3781723.3 351.7 2.50 4.00
2.33 YES
L0000414 0 0.20833E-02 401990.5 3781731.8 352.6 2.50 4.00
2.33 YES
L0000415 0 0.20833E-02 401989.2 3781740.3 353.5 2.50 4.00
2.33 YES
L0000416 0 0.20833E-02 401987.9 3781748.8 354.5 2.50 4.00
2.33 YES
L0000417 0 0.20833E-02 401986.6 3781757.3 355.3 2.50 4.00
2.33 YES
L0000418 0 0.20833E-02 401980.4 3781759.7 355.4 2.50 4.00
2.33 YES
L0000419 0 0.20833E-02 401971.8 3781759.2 355.2 2.50 4.00
2.33 YES
L0000420 0 0.20833E-02 401963.2 3781758.6 355.2 2.50 4.00
2.33 YES
L0000421 0 0.20833E-02 401954.6 3781758.1 355.3 2.50 4.00
2.33 YES
L0000422 0 0.20833E-02 401946.0 3781757.6 355.4 2.50 4.00
2.33 YES
L0000423 0 0.20833E-02 401937.5 3781757.0 355.2 2.50 4.00
2.33 YES
L0000424 0 0.20833E-02 401928.9 3781756.5 354.7 2.50 4.00
2.33 YES
L0000425 0 0.20833E-02 401920.3 3781755.9 354.3 2.50 4.00
2.33 YES
L0000426 0 0.20833E-02 401911.7 3781755.4 353.6 2.50 4.00
2.33 YES
L0000427 0 0.20833E-02 401903.1 3781754.9 352.9 2.50 4.00
2.33 YES
L0000428 0 0.20833E-02 401894.5 3781754.3 352.5 2.50 4.00

2.33 YES
L0000429 0 0.20833E-02 401886.0 3781753.8 352.2 2.50 4.00
2.33 YES
L0000430 0 0.20833E-02 401878.2 3781752.5 352.3 2.50 4.00
2.33 YES
L0000431 0 0.20833E-02 401878.0 3781743.9 351.3 2.50 4.00
2.33 YES
L0000432 0 0.20833E-02 401877.8 3781735.3 350.4 2.50 4.00
2.33 YES
L0000433 0 0.20833E-02 401877.6 3781726.7 349.5 2.50 4.00
2.33 YES
L0000434 0 0.20833E-02 401877.5 3781718.1 348.7 2.50 4.00
2.33 YES
L0000435 0 0.20833E-02 401877.3 3781709.5 347.8 2.50 4.00
2.33 YES
L0000436 0 0.20833E-02 401877.1 3781700.9 346.9 2.50 4.00
2.33 YES
L0000437 0 0.20833E-02 401884.1 3781699.3 346.5 2.50 4.00
2.33 YES
L0000438 0 0.20833E-02 401892.7 3781699.2 346.6 2.50 4.00
2.33 YES
L0000439 0 0.20833E-02 401901.3 3781699.2 346.9 2.50 4.00
2.33 YES
L0000440 0 0.20833E-02 401909.9 3781699.1 347.3 2.50 4.00
2.33 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY
L0000441	0	0.20833E-02	401918.5	3781699.1	347.6	2.50	4.00	2.33	YES
L0000442	0	0.20833E-02	401927.1	3781699.0	347.8	2.50	4.00	2.33	YES
L0000443	0	0.20833E-02	401935.7	3781699.0	347.8	2.50	4.00		

2.33 YES
L0000444 0 0.20833E-02 401944.3 3781699.0 347.6 2.50 4.00
2.33 YES
L0000445 0 0.20833E-02 401952.9 3781698.9 347.7 2.50 4.00
2.33 YES
L0000446 0 0.20833E-02 401961.5 3781698.9 347.7 2.50 4.00
2.33 YES
L0000447 0 0.20833E-02 401970.1 3781698.8 348.0 2.50 4.00
2.33 YES
L0000448 0 0.20833E-02 401978.7 3781698.8 348.5 2.50 4.00
2.33 YES
L0000449 0 0.20833E-02 401978.6 3781706.6 349.3 2.50 4.00
2.33 YES
L0000450 0 0.20833E-02 401977.8 3781715.1 350.2 2.50 4.00
2.33 YES
L0000451 0 0.20833E-02 401977.0 3781723.7 351.1 2.50 4.00
2.33 YES
L0000452 0 0.20833E-02 401976.1 3781732.3 352.0 2.50 4.00
2.33 YES
L0000453 0 0.20833E-02 401975.3 3781740.8 353.0 2.50 4.00
2.33 YES
L0000454 0 0.20833E-02 401969.8 3781744.1 353.2 2.50 4.00
2.33 YES
L0000455 0 0.20833E-02 401961.3 3781743.6 353.2 2.50 4.00
2.33 YES
L0000456 0 0.20833E-02 401952.7 3781743.2 353.4 2.50 4.00
2.33 YES
L0000457 0 0.20833E-02 401944.1 3781742.8 353.4 2.50 4.00
2.33 YES
L0000458 0 0.20833E-02 401935.5 3781742.3 353.3 2.50 4.00
2.33 YES
L0000459 0 0.20833E-02 401926.9 3781741.9 353.0 2.50 4.00
2.33 YES
L0000460 0 0.20833E-02 401918.3 3781741.5 352.5 2.50 4.00
2.33 YES
L0000461 0 0.20833E-02 401909.7 3781741.0 351.9 2.50 4.00
2.33 YES
L0000462 0 0.20833E-02 401901.1 3781740.6 351.2 2.50 4.00
2.33 YES
L0000463 0 0.20833E-02 401896.7 3781736.2 350.6 2.50 4.00
2.33 YES
L0000464 0 0.20833E-02 401896.5 3781727.6 349.7 2.50 4.00
2.33 YES
L0000465 0 0.20833E-02 401896.3 3781719.0 348.9 2.50 4.00
2.33 YES
L0000466 0 0.20833E-02 401898.6 3781712.8 348.3 2.50 4.00
2.33 YES
L0000467 0 0.20833E-02 401907.2 3781712.8 348.7 2.50 4.00
2.33 YES
L0000468 0 0.20833E-02 401915.8 3781712.8 349.0 2.50 4.00

2.33 YES
L0000469 0 0.20833E-02 401924.4 3781712.8 349.2 2.50 4.00
2.33 YES
L0000470 0 0.20833E-02 401933.0 3781712.8 349.5 2.50 4.00
2.33 YES
L0000471 0 0.20833E-02 401941.6 3781712.8 349.4 2.50 4.00
2.33 YES
L0000472 0 0.20833E-02 401950.2 3781712.8 349.3 2.50 4.00
2.33 YES
L0000473 0 0.20833E-02 401958.8 3781712.8 349.2 2.50 4.00
2.33 YES
L0000474 0 0.20833E-02 401960.5 3781720.0 350.1 2.50 4.00
2.33 YES
L0000475 0 0.20833E-02 401960.8 3781728.6 351.2 2.50 4.00
2.33 YES
L0000476 0 0.20833E-02 401954.0 3781730.0 351.6 2.50 4.00
2.33 YES
L0000477 0 0.20833E-02 401945.4 3781729.7 351.6 2.50 4.00
2.33 YES
L0000478 0 0.20833E-02 401936.8 3781729.4 351.7 2.50 4.00
2.33 YES
L0000479 0 0.20833E-02 401928.2 3781729.1 351.6 2.50 4.00
2.33 YES
L0000480 0 0.20833E-02 401919.6 3781728.8 351.2 2.50 4.00
2.33 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000894	0	0.96339E-03	402084.1	3781701.4	348.6	3.40	1.45	1.47	YES	
L0000895	0	0.96339E-03	402085.4	3781698.6	348.1	3.40	1.45	1.47	YES	
L0000896	0	0.96339E-03	402086.8	3781695.8	347.6	3.40	1.45			

1.47 YES
L0000897 0 0.96339E-03 402088.1 3781693.0 347.1 3.40 1.45
1.47 YES
L0000898 0 0.96339E-03 402089.4 3781690.2 346.7 3.40 1.45
1.47 YES
L0000899 0 0.96339E-03 402090.8 3781687.4 346.2 3.40 1.45
1.47 YES
L0000900 0 0.96339E-03 402092.1 3781684.6 345.8 3.40 1.45
1.47 YES
L0000901 0 0.96339E-03 402093.5 3781681.7 345.4 3.40 1.45
1.47 YES
L0000902 0 0.96339E-03 402094.8 3781678.9 344.9 3.40 1.45
1.47 YES
L0000903 0 0.96339E-03 402096.2 3781676.1 344.6 3.40 1.45
1.47 YES
L0000904 0 0.96339E-03 402097.5 3781673.3 344.2 3.40 1.45
1.47 YES
L0000905 0 0.96339E-03 402098.8 3781670.5 343.8 3.40 1.45
1.47 YES
L0000906 0 0.96339E-03 402100.2 3781667.7 343.5 3.40 1.45
1.47 YES
L0000907 0 0.96339E-03 402101.5 3781664.8 343.3 3.40 1.45
1.47 YES
L0000908 0 0.96339E-03 402102.9 3781662.0 343.0 3.40 1.45
1.47 YES
L0000909 0 0.96339E-03 402104.2 3781659.2 342.7 3.40 1.45
1.47 YES
L0000910 0 0.96339E-03 402105.6 3781656.4 342.3 3.40 1.45
1.47 YES
L0000911 0 0.96339E-03 402106.9 3781653.6 342.0 3.40 1.45
1.47 YES
L0000912 0 0.96339E-03 402108.4 3781650.8 341.6 3.40 1.45
1.47 YES
L0000913 0 0.96339E-03 402110.0 3781648.2 341.2 3.40 1.45
1.47 YES
L0000914 0 0.96339E-03 402111.6 3781645.5 340.8 3.40 1.45
1.47 YES
L0000915 0 0.96339E-03 402113.3 3781642.8 340.4 3.40 1.45
1.47 YES
L0000916 0 0.96339E-03 402114.9 3781640.2 340.1 3.40 1.45
1.47 YES
L0000917 0 0.96339E-03 402116.5 3781637.5 339.8 3.40 1.45
1.47 YES
L0000918 0 0.96339E-03 402118.2 3781634.9 339.5 3.40 1.45
1.47 YES
L0000919 0 0.96339E-03 402119.8 3781632.2 339.3 3.40 1.45
1.47 YES
L0000920 0 0.96339E-03 402121.4 3781629.6 339.0 3.40 1.45
1.47 YES
L0000921 0 0.96339E-03 402123.1 3781626.9 338.7 3.40 1.45

```
1.47     YES
 L0000922         0   0.96339E-03  402124.7 3781624.2   338.5     3.40     1.45
1.47     YES
 L0000923         0   0.96339E-03  402126.3 3781621.6   338.2     3.40     1.45
1.47     YES
 L0000924         0   0.96339E-03  402128.0 3781618.9   338.0     3.40     1.45
1.47     YES
 L0000925         0   0.96339E-03  402130.3 3781617.2   337.8     3.40     1.45
1.47     YES
 L0000926         0   0.96339E-03  402133.3 3781616.5   337.7     3.40     1.45
1.47     YES
 L0000927         0   0.96339E-03  402136.3 3781615.8   337.6     3.40     1.45
1.47     YES
 L0000928         0   0.96339E-03  402139.4 3781615.1   337.5     3.40     1.45
1.47     YES
 L0000929         0   0.96339E-03  402142.4 3781614.4   337.4     3.40     1.45
1.47     YES
 L0000930         0   0.96339E-03  402145.5 3781613.8   337.3     3.40     1.45
1.47     YES
 L0000931         0   0.96339E-03  402148.5 3781613.1   337.1     3.40     1.45
1.47     YES
 L0000932         0   0.96339E-03  402151.6 3781612.4   337.0     3.40     1.45
1.47     YES
 L0000933         0   0.96339E-03  402154.6 3781611.7   336.9     3.40     1.45
1.47     YES
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                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
SZ      SOURCE  SCALAR VARY
     ID         CATS.                (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000934         0   0.96339E-03  402157.6 3781611.0   336.8     3.40     1.45
1.47     YES
 L0000935         0   0.96339E-03  402160.7 3781610.5   336.6     3.40     1.45
1.47     YES
 L0000936         0   0.96339E-03  402163.8 3781610.5   336.5     3.40     1.45
```

1.47	YES							
L0000937		0	0.96339E-03	402166.9	3781610.5	336.4	3.40	1.45
1.47	YES							
L0000938		0	0.96339E-03	402170.1	3781610.5	336.3	3.40	1.45
1.47	YES							
L0000939		0	0.96339E-03	402173.2	3781610.5	336.2	3.40	1.45
1.47	YES							
L0000940		0	0.96339E-03	402176.3	3781610.5	336.1	3.40	1.45
1.47	YES							
L0000941		0	0.96339E-03	402179.4	3781610.5	336.0	3.40	1.45
1.47	YES							
L0000942		0	0.96339E-03	402182.5	3781610.5	335.9	3.40	1.45
1.47	YES							
L0000943		0	0.96339E-03	402185.7	3781610.5	335.8	3.40	1.45
1.47	YES							
L0000944		0	0.96339E-03	402188.8	3781610.5	335.7	3.40	1.45
1.47	YES							
L0000945		0	0.96339E-03	402191.9	3781610.5	335.6	3.40	1.45
1.47	YES							
L0000946		0	0.96339E-03	402195.0	3781610.5	335.5	3.40	1.45
1.47	YES							
L0000947		0	0.96339E-03	402198.1	3781610.5	335.4	3.40	1.45
1.47	YES							
L0000948		0	0.96339E-03	402201.3	3781610.5	335.3	3.40	1.45
1.47	YES							
L0000949		0	0.96339E-03	402204.4	3781610.5	335.2	3.40	1.45
1.47	YES							
L0000950		0	0.96339E-03	402207.5	3781610.5	335.1	3.40	1.45
1.47	YES							
L0000951		0	0.96339E-03	402210.6	3781610.5	334.9	3.40	1.45
1.47	YES							
L0000952		0	0.96339E-03	402213.7	3781610.5	334.8	3.40	1.45
1.47	YES							
L0000953		0	0.96339E-03	402216.9	3781610.5	334.7	3.40	1.45
1.47	YES							
L0000954		0	0.96339E-03	402220.0	3781610.5	334.6	3.40	1.45
1.47	YES							
L0000955		0	0.96339E-03	402223.1	3781610.5	334.5	3.40	1.45
1.47	YES							
L0000956		0	0.96339E-03	402226.2	3781610.0	334.4	3.40	1.45
1.47	YES							
L0000957		0	0.96339E-03	402229.2	3781609.2	334.2	3.40	1.45
1.47	YES							
L0000958		0	0.96339E-03	402232.2	3781608.4	334.2	3.40	1.45
1.47	YES							
L0000959		0	0.96339E-03	402235.2	3781607.6	334.1	3.40	1.45
1.47	YES							
L0000960		0	0.96339E-03	402238.2	3781606.9	334.0	3.40	1.45
1.47	YES							
L0000961		0	0.96339E-03	402241.3	3781606.1	334.0	3.40	1.45

1.47 YES
L0000962 0 0.96339E-03 402244.3 3781605.3 334.0 3.40 1.45
1.47 YES
L0000963 0 0.96339E-03 402247.3 3781604.5 333.9 3.40 1.45
1.47 YES
L0000964 0 0.96339E-03 402250.3 3781603.7 333.7 3.40 1.45
1.47 YES
L0000965 0 0.96339E-03 402253.4 3781603.0 333.5 3.40 1.45
1.47 YES
L0000966 0 0.96339E-03 402256.4 3781602.2 333.3 3.40 1.45
1.47 YES
L0000967 0 0.96339E-03 402259.4 3781601.4 333.0 3.40 1.45
1.47 YES
L0000968 0 0.96339E-03 402262.4 3781600.6 332.8 3.40 1.45
1.47 YES
L0000969 0 0.96339E-03 402265.4 3781599.8 332.6 3.40 1.45
1.47 YES
L0000970 0 0.96339E-03 402268.5 3781599.1 332.5 3.40 1.45
1.47 YES
L0000971 0 0.96339E-03 402271.5 3781598.2 332.5 3.40 1.45
1.47 YES
L0000972 0 0.96339E-03 402274.4 3781597.3 332.4 3.40 1.45
1.47 YES
L0000973 0 0.96339E-03 402277.4 3781596.3 332.3 3.40 1.45
1.47 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY
L0000974	0	0.96339E-03	402280.4	3781595.4	332.1	3.40	1.45	1.47	YES
L0000975	0	0.96339E-03	402283.4	3781594.5	332.0	3.40	1.45	1.47	YES
L0000976	0	0.96339E-03	402286.4	3781593.6	331.8	3.40	1.45		

1.47 YES
L0000977 0 0.96339E-03 402289.3 3781592.7 331.7 3.40 1.45
1.47 YES
L0000978 0 0.96339E-03 402292.3 3781591.7 331.6 3.40 1.45
1.47 YES
L0000979 0 0.96339E-03 402295.3 3781590.8 331.6 3.40 1.45
1.47 YES
L0000980 0 0.96339E-03 402298.3 3781589.9 331.5 3.40 1.45
1.47 YES
L0000981 0 0.96339E-03 402301.3 3781589.0 331.4 3.40 1.45
1.47 YES
L0000982 0 0.96339E-03 402304.3 3781588.5 332.0 3.40 1.45
1.47 YES
L0000983 0 0.96339E-03 402307.4 3781588.3 332.5 3.40 1.45
1.47 YES
L0000984 0 0.96339E-03 402310.5 3781588.2 333.0 3.40 1.45
1.47 YES
L0000985 0 0.96339E-03 402313.7 3781588.0 333.3 3.40 1.45
1.47 YES
L0000986 0 0.96339E-03 402316.8 3781587.9 333.6 3.40 1.45
1.47 YES
L0000987 0 0.96339E-03 402319.9 3781587.7 333.8 3.40 1.45
1.47 YES
L0000988 0 0.96339E-03 402323.0 3781587.6 333.9 3.40 1.45
1.47 YES
L0000989 0 0.96339E-03 402326.1 3781587.4 334.0 3.40 1.45
1.47 YES
L0000990 0 0.96339E-03 402329.2 3781587.3 334.1 3.40 1.45
1.47 YES
L0000991 0 0.96339E-03 402332.4 3781587.2 334.2 3.40 1.45
1.47 YES
L0000992 0 0.96339E-03 402335.5 3781587.0 334.2 3.40 1.45
1.47 YES
L0000993 0 0.96339E-03 402338.6 3781587.0 333.5 3.40 1.45
1.47 YES
L0000994 0 0.96339E-03 402341.7 3781586.9 332.9 3.40 1.45
1.47 YES
L0000995 0 0.96339E-03 402344.8 3781586.9 332.4 3.40 1.45
1.47 YES
L0000996 0 0.96339E-03 402348.0 3781586.9 332.6 3.40 1.45
1.47 YES
L0000997 0 0.96339E-03 402351.1 3781586.9 332.7 3.40 1.45
1.47 YES
L0000998 0 0.96339E-03 402354.2 3781586.9 332.8 3.40 1.45
1.47 YES
L0000999 0 0.96339E-03 402357.3 3781586.9 332.8 3.40 1.45
1.47 YES
L0001000 0 0.96339E-03 402360.4 3781586.8 332.9 3.40 1.45
1.47 YES
L0001001 0 0.96339E-03 402363.6 3781586.8 332.9 3.40 1.45

1.47 YES
L0001002 0 0.96339E-03 402366.7 3781586.8 332.9 3.40 1.45
1.47 YES
L0001003 0 0.96339E-03 402369.8 3781586.8 332.9 3.40 1.45
1.47 YES
L0001004 0 0.96339E-03 402372.9 3781586.8 333.1 3.40 1.45
1.47 YES
L0001005 0 0.96339E-03 402376.0 3781586.8 333.3 3.40 1.45
1.47 YES
L0001006 0 0.96339E-03 402379.2 3781586.7 333.5 3.40 1.45
1.47 YES
L0001007 0 0.96339E-03 402382.3 3781586.7 333.6 3.40 1.45
1.47 YES
L0001008 0 0.96339E-03 402385.4 3781586.7 333.7 3.40 1.45
1.47 YES
L0001009 0 0.96339E-03 402388.5 3781586.7 333.8 3.40 1.45
1.47 YES
L0001010 0 0.96339E-03 402391.6 3781586.7 333.9 3.40 1.45
1.47 YES
L0001011 0 0.96339E-03 402394.8 3781586.7 334.0 3.40 1.45
1.47 YES
L0001012 0 0.96339E-03 402397.9 3781586.6 334.1 3.40 1.45
1.47 YES
L0001013 0 0.96339E-03 402401.0 3781586.6 334.3 3.40 1.45
1.47 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001014	0	0.96339E-03	402404.1	3781586.6	334.5	3.40	1.45	1.47	YES	
L0001015	0	0.96339E-03	402407.2	3781586.6	334.6	3.40	1.45	1.47	YES	
L0001016	0	0.96339E-03	402410.4	3781586.6	334.7	3.40	1.45			

1.47 YES
L0001017 0 0.96339E-03 402413.5 3781586.5 334.8 3.40 1.45
1.47 YES
L0001018 0 0.96339E-03 402416.6 3781586.5 334.8 3.40 1.45
1.47 YES
L0001019 0 0.96339E-03 402419.7 3781586.5 334.8 3.40 1.45
1.47 YES
L0001020 0 0.96339E-03 402422.8 3781586.5 334.8 3.40 1.45
1.47 YES
L0001021 0 0.96339E-03 402426.0 3781586.5 334.8 3.40 1.45
1.47 YES
L0001022 0 0.96339E-03 402429.1 3781586.5 334.8 3.40 1.45
1.47 YES
L0001023 0 0.96339E-03 402432.2 3781586.4 335.0 3.40 1.45
1.47 YES
L0001024 0 0.96339E-03 402435.3 3781586.4 335.2 3.40 1.45
1.47 YES
L0001025 0 0.96339E-03 402438.4 3781586.4 335.3 3.40 1.45
1.47 YES
L0001026 0 0.96339E-03 402441.6 3781586.4 335.3 3.40 1.45
1.47 YES
L0001027 0 0.96339E-03 402444.7 3781586.4 335.3 3.40 1.45
1.47 YES
L0001028 0 0.96339E-03 402447.8 3781586.4 335.4 3.40 1.45
1.47 YES
L0001029 0 0.96339E-03 402450.9 3781586.3 335.7 3.40 1.45
1.47 YES
L0001030 0 0.96339E-03 402454.0 3781586.3 336.0 3.40 1.45
1.47 YES
L0001031 0 0.96339E-03 402457.2 3781586.3 336.1 3.40 1.45
1.47 YES
L0001032 0 0.96339E-03 402460.3 3781586.3 336.2 3.40 1.45
1.47 YES
L0001033 0 0.96339E-03 402463.4 3781586.3 336.2 3.40 1.45
1.47 YES
L0001034 0 0.96339E-03 402466.5 3781586.3 336.4 3.40 1.45
1.47 YES
L0001035 0 0.96339E-03 402469.6 3781586.2 336.5 3.40 1.45
1.47 YES
L0001036 0 0.96339E-03 402472.8 3781586.2 336.8 3.40 1.45
1.47 YES
L0001037 0 0.96339E-03 402475.9 3781586.2 337.1 3.40 1.45
1.47 YES
L0001038 0 0.96339E-03 402479.0 3781586.2 337.5 3.40 1.45
1.47 YES
L0001039 0 0.96339E-03 402482.1 3781586.2 337.9 3.40 1.45
1.47 YES
L0001040 0 0.96339E-03 402485.2 3781586.1 338.3 3.40 1.45
1.47 YES
L0001041 0 0.96339E-03 402488.4 3781586.1 338.7 3.40 1.45

								1.47	YES	
L0001042	0	0.96339E-03	402491.5	3781586.1	339.1	3.40	1.45	1.47	YES	
L0001043	0	0.96339E-03	402494.6	3781586.1	339.6	3.40	1.45	1.47	YES	
L0001044	0	0.96339E-03	402497.7	3781586.1	340.0	3.40	1.45	1.47	YES	
L0001045	0	0.96339E-03	402500.8	3781586.1	340.6	3.40	1.45	1.47	YES	
L0001046	0	0.96339E-03	402504.0	3781586.0	341.2	3.40	1.45	1.47	YES	
L0001047	0	0.96339E-03	402507.1	3781586.0	341.8	3.40	1.45	1.47	YES	
L0001048	0	0.96339E-03	402510.2	3781586.0	342.2	3.40	1.45	1.47	YES	
L0001049	0	0.96339E-03	402513.3	3781586.0	342.6	3.40	1.45	1.47	YES	
L0001050	0	0.96339E-03	402516.4	3781586.0	343.1	3.40	1.45	1.47	YES	
L0001051	0	0.96339E-03	402519.6	3781586.0	343.5	3.40	1.45	1.47	YES	
L0001052	0	0.96339E-03	402522.7	3781585.9	343.9	3.40	1.45	1.47	YES	
L0001053	0	0.96339E-03	402525.8	3781585.9	344.2	3.40	1.45	1.47	YES	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001054	0	0.96339E-03	402528.9	3781585.9	344.5	3.40	1.45	1.47	YES	
L0001055	0	0.96339E-03	402532.0	3781585.9	344.8	3.40	1.45	1.47	YES	
L0001056	0	0.96339E-03	402535.2	3781585.9	345.2	3.40	1.45			

1.47 YES
L0001057 0 0.96339E-03 402538.3 3781585.9 345.7 3.40 1.45
1.47 YES
L0001058 0 0.96339E-03 402541.4 3781585.8 345.9 3.40 1.45
1.47 YES
L0001059 0 0.96339E-03 402544.5 3781585.8 346.0 3.40 1.45
1.47 YES
L0001060 0 0.96339E-03 402547.6 3781585.8 346.1 3.40 1.45
1.47 YES
L0001061 0 0.96339E-03 402550.8 3781585.8 346.2 3.40 1.45
1.47 YES
L0001062 0 0.96339E-03 402553.9 3781585.8 346.4 3.40 1.45
1.47 YES
L0001063 0 0.96339E-03 402557.0 3781585.7 346.5 3.40 1.45
1.47 YES
L0001064 0 0.96339E-03 402560.1 3781585.7 346.6 3.40 1.45
1.47 YES
L0001065 0 0.96339E-03 402563.2 3781585.7 346.7 3.40 1.45
1.47 YES
L0001066 0 0.96339E-03 402566.4 3781585.7 346.8 3.40 1.45
1.47 YES
L0001067 0 0.96339E-03 402569.5 3781585.7 346.8 3.40 1.45
1.47 YES
L0001068 0 0.96339E-03 402572.6 3781585.7 346.8 3.40 1.45
1.47 YES
L0001069 0 0.96339E-03 402575.7 3781585.6 346.7 3.40 1.45
1.47 YES
L0001070 0 0.96339E-03 402578.8 3781585.6 346.7 3.40 1.45
1.47 YES
L0001071 0 0.96339E-03 402582.0 3781585.6 346.7 3.40 1.45
1.47 YES
L0001072 0 0.96339E-03 402585.1 3781585.6 346.5 3.40 1.45
1.47 YES
L0001073 0 0.96339E-03 402588.2 3781585.6 346.4 3.40 1.45
1.47 YES
L0001074 0 0.96339E-03 402591.3 3781585.6 346.2 3.40 1.45
1.47 YES
L0001075 0 0.96339E-03 402594.4 3781585.5 346.1 3.40 1.45
1.47 YES
L0001076 0 0.96339E-03 402597.6 3781585.5 346.0 3.40 1.45
1.47 YES
L0001077 0 0.96339E-03 402600.7 3781585.5 345.9 3.40 1.45
1.47 YES
L0001078 0 0.96339E-03 402603.8 3781585.5 345.8 3.40 1.45
1.47 YES
L0001079 0 0.96339E-03 402606.9 3781585.5 345.7 3.40 1.45
1.47 YES
L0001080 0 0.96339E-03 402610.0 3781585.5 345.6 3.40 1.45
1.47 YES
L0001081 0 0.96339E-03 402613.2 3781585.4 345.5 3.40 1.45

```
1.47     YES
 L0001082         0   0.96339E-03  402616.3 3781585.4   345.4     3.40     1.45
1.47     YES
 L0001083         0   0.96339E-03  402619.4 3781585.4   345.3     3.40     1.45
1.47     YES
 L0001084         0   0.96339E-03  402622.5 3781585.4   345.2     3.40     1.45
1.47     YES
 L0001085         0   0.96339E-03  402625.6 3781585.4   345.0     3.40     1.45
1.47     YES
 L0001086         0   0.96339E-03  402628.8 3781585.3   344.9     3.40     1.45
1.47     YES
 L0001087         0   0.96339E-03  402631.9 3781585.3   344.7     3.40     1.45
1.47     YES
 L0001088         0   0.96339E-03  402635.0 3781585.3   344.6     3.40     1.45
1.47     YES
 L0001089         0   0.96339E-03  402638.1 3781585.3   344.4     3.40     1.45
1.47     YES
 L0001090         0   0.96339E-03  402641.2 3781585.3   344.2     3.40     1.45
1.47     YES
 L0001091         0   0.96339E-03  402644.4 3781585.3   344.0     3.40     1.45
1.47     YES
 L0001092         0   0.96339E-03  402647.5 3781585.2   343.8     3.40     1.45
1.47     YES
 L0001093         0   0.96339E-03  402650.6 3781585.2   343.6     3.40     1.45
1.47     YES
```


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                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X         Y       ELEV.   HEIGHT      SY
SZ      SOURCE  SCALAR VARY
     ID         CATS.                (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0001094         0   0.96339E-03  402653.7 3781585.2   343.4     3.40     1.45
1.47     YES
 L0001095         0   0.96339E-03  402656.8 3781585.2   343.2     3.40     1.45
1.47     YES
 L0001096         0   0.96339E-03  402660.0 3781585.2   343.0     3.40     1.45
```

1.47 YES
L0001097 0 0.96339E-03 402663.1 3781585.2 342.7 3.40 1.45
1.47 YES
L0001098 0 0.96339E-03 402666.2 3781585.1 342.5 3.40 1.45
1.47 YES
L0001099 0 0.96339E-03 402669.3 3781585.1 342.2 3.40 1.45
1.47 YES
L0001100 0 0.96339E-03 402672.4 3781585.1 342.0 3.40 1.45
1.47 YES
L0001101 0 0.96339E-03 402675.6 3781585.1 341.7 3.40 1.45
1.47 YES
L0001102 0 0.96339E-03 402678.7 3781585.1 341.5 3.40 1.45
1.47 YES
L0001103 0 0.96339E-03 402681.8 3781585.1 341.2 3.40 1.45
1.47 YES
L0001104 0 0.96339E-03 402684.9 3781585.0 341.0 3.40 1.45
1.47 YES
L0001105 0 0.96339E-03 402688.0 3781585.0 340.7 3.40 1.45
1.47 YES
L0001106 0 0.96339E-03 402691.2 3781585.0 340.5 3.40 1.45
1.47 YES
L0001107 0 0.96339E-03 402694.3 3781585.0 340.3 3.40 1.45
1.47 YES
L0001108 0 0.96339E-03 402697.4 3781585.0 340.1 3.40 1.45
1.47 YES
L0001109 0 0.96339E-03 402700.5 3781584.9 339.9 3.40 1.45
1.47 YES
L0001110 0 0.96339E-03 402703.6 3781584.9 339.7 3.40 1.45
1.47 YES
L0001111 0 0.96339E-03 402706.8 3781584.9 339.5 3.40 1.45
1.47 YES
L0001112 0 0.96339E-03 402709.9 3781584.9 339.3 3.40 1.45
1.47 YES
L0001113 0 0.96339E-03 402713.0 3781584.9 339.1 3.40 1.45
1.47 YES
L0001114 0 0.96339E-03 402716.1 3781584.9 339.0 3.40 1.45
1.47 YES
L0001115 0 0.96339E-03 402719.2 3781584.8 338.8 3.40 1.45
1.47 YES
L0001116 0 0.96339E-03 402722.4 3781584.8 338.7 3.40 1.45
1.47 YES
L0001117 0 0.96339E-03 402725.5 3781584.8 338.6 3.40 1.45
1.47 YES
L0001118 0 0.96339E-03 402728.6 3781584.8 338.5 3.40 1.45
1.47 YES
L0001119 0 0.96339E-03 402731.7 3781584.8 338.4 3.40 1.45
1.47 YES
L0001120 0 0.96339E-03 402734.8 3781584.8 338.3 3.40 1.45
1.47 YES
L0001121 0 0.96339E-03 402738.0 3781584.7 338.2 3.40 1.45

1.47 YES
L0001122 0 0.96339E-03 402741.1 3781584.7 338.2 3.40 1.45
1.47 YES
L0001123 0 0.96339E-03 402744.2 3781584.7 338.1 3.40 1.45
1.47 YES
L0001124 0 0.96339E-03 402747.3 3781584.7 338.1 3.40 1.45
1.47 YES
L0001125 0 0.96339E-03 402750.4 3781584.7 338.1 3.40 1.45
1.47 YES
L0001126 0 0.96339E-03 402753.6 3781584.7 338.0 3.40 1.45
1.47 YES
L0001127 0 0.96339E-03 402756.7 3781584.6 338.0 3.40 1.45
1.47 YES
L0001128 0 0.96339E-03 402759.8 3781584.6 337.9 3.40 1.45
1.47 YES
L0001129 0 0.96339E-03 402762.9 3781584.5 337.9 3.40 1.45
1.47 YES
L0001130 0 0.96339E-03 402766.0 3781584.5 337.7 3.40 1.45
1.47 YES
L0001131 0 0.96339E-03 402769.1 3781584.4 337.5 3.40 1.45
1.47 YES
L0001132 0 0.96339E-03 402772.3 3781584.3 337.4 3.40 1.45
1.47 YES
L0001133 0 0.96339E-03 402775.4 3781584.2 337.2 3.40 1.45
1.47 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001134	0	0.96339E-03	402778.5	3781584.2	337.0	3.40	1.45	1.47	YES	
L0001135	0	0.96339E-03	402781.6	3781584.1	336.7	3.40	1.45	1.47	YES	
L0001136	0	0.96339E-03	402784.7	3781584.0	336.5	3.40	1.45			

1.47 YES
L0001137 0 0.96339E-03 402787.9 3781584.0 336.2 3.40 1.45
1.47 YES
L0001138 0 0.96339E-03 402791.0 3781583.9 336.0 3.40 1.45
1.47 YES
L0001139 0 0.96339E-03 402794.1 3781583.8 335.7 3.40 1.45
1.47 YES
L0001140 0 0.96339E-03 402797.2 3781583.8 335.5 3.40 1.45
1.47 YES
L0001141 0 0.96339E-03 402800.3 3781583.7 335.3 3.40 1.45
1.47 YES
L0001142 0 0.96339E-03 402803.5 3781583.6 335.1 3.40 1.45
1.47 YES
L0001143 0 0.96339E-03 402806.6 3781583.5 334.8 3.40 1.45
1.47 YES
L0001144 0 0.96339E-03 402809.7 3781583.5 334.5 3.40 1.45
1.47 YES
L0001145 0 0.96339E-03 402812.8 3781583.4 334.3 3.40 1.45
1.47 YES
L0001146 0 0.96339E-03 402815.9 3781583.3 334.1 3.40 1.45
1.47 YES
L0001147 0 0.96339E-03 402819.1 3781583.3 333.9 3.40 1.45
1.47 YES
L0001148 0 0.96339E-03 402822.2 3781583.2 333.7 3.40 1.45
1.47 YES
L0001149 0 0.96339E-03 402825.3 3781583.1 333.5 3.40 1.45
1.47 YES
L0001150 0 0.96339E-03 402828.4 3781583.0 333.3 3.40 1.45
1.47 YES
L0001151 0 0.96339E-03 402831.5 3781583.0 333.1 3.40 1.45
1.47 YES
L0001152 0 0.96339E-03 402834.7 3781582.9 332.9 3.40 1.45
1.47 YES
L0001153 0 0.96339E-03 402837.8 3781582.8 332.7 3.40 1.45
1.47 YES
L0001154 0 0.96339E-03 402840.9 3781582.8 332.4 3.40 1.45
1.47 YES
L0001155 0 0.96339E-03 402844.0 3781582.7 332.1 3.40 1.45
1.47 YES
L0001156 0 0.96339E-03 402847.1 3781582.6 331.8 3.40 1.45
1.47 YES
L0001157 0 0.96339E-03 402850.2 3781582.6 331.6 3.40 1.45
1.47 YES
L0001158 0 0.96339E-03 402853.4 3781582.5 331.4 3.40 1.45
1.47 YES
L0001159 0 0.96339E-03 402856.5 3781582.4 331.2 3.40 1.45
1.47 YES
L0001160 0 0.96339E-03 402859.6 3781582.3 331.0 3.40 1.45
1.47 YES
L0001161 0 0.96339E-03 402862.7 3781582.3 330.8 3.40 1.45

1.47 YES
L0001162 0 0.96339E-03 402865.8 3781582.2 330.6 3.40 1.45
1.47 YES
L0001163 0 0.96339E-03 402869.0 3781582.1 330.3 3.40 1.45
1.47 YES
L0001164 0 0.96339E-03 402872.1 3781582.1 330.1 3.40 1.45
1.47 YES
L0001165 0 0.96339E-03 402875.2 3781582.0 329.9 3.40 1.45
1.47 YES
L0001166 0 0.96339E-03 402878.3 3781581.9 329.6 3.40 1.45
1.47 YES
L0001167 0 0.96339E-03 402881.4 3781581.8 329.4 3.40 1.45
1.47 YES
L0001168 0 0.96339E-03 402884.6 3781581.8 329.2 3.40 1.45
1.47 YES
L0001169 0 0.96339E-03 402887.7 3781581.7 329.0 3.40 1.45
1.47 YES
L0001170 0 0.96339E-03 402890.8 3781581.6 328.7 3.40 1.45
1.47 YES
L0001171 0 0.96339E-03 402893.9 3781581.6 328.5 3.40 1.45
1.47 YES
L0001172 0 0.96339E-03 402897.0 3781581.5 328.3 3.40 1.45
1.47 YES
L0001173 0 0.96339E-03 402900.2 3781581.4 328.0 3.40 1.45
1.47 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001174	0	0.96339E-03	402903.3	3781581.4	327.8	3.40	1.45	1.47	YES	
L0001175	0	0.96339E-03	402906.4	3781581.3	327.5	3.40	1.45	1.47	YES	
L0001176	0	0.96339E-03	402909.5	3781581.2	327.3	3.40	1.45			

1.47 YES
L0001177 0 0.96339E-03 402912.6 3781581.1 327.1 3.40 1.45
1.47 YES
L0001178 0 0.96339E-03 402915.8 3781581.1 326.9 3.40 1.45
1.47 YES
L0001179 0 0.96339E-03 402918.9 3781581.0 326.8 3.40 1.45
1.47 YES
L0001180 0 0.96339E-03 402922.0 3781580.9 326.7 3.40 1.45
1.47 YES
L0001181 0 0.96339E-03 402925.1 3781580.9 326.5 3.40 1.45
1.47 YES
L0001182 0 0.96339E-03 402928.2 3781580.8 326.2 3.40 1.45
1.47 YES
L0001183 0 0.96339E-03 402931.3 3781580.7 325.9 3.40 1.45
1.47 YES
L0001184 0 0.96339E-03 402934.5 3781580.7 325.7 3.40 1.45
1.47 YES
L0001185 0 0.96339E-03 402937.6 3781580.6 325.5 3.40 1.45
1.47 YES
L0001186 0 0.96339E-03 402940.7 3781580.5 325.2 3.40 1.45
1.47 YES
L0001187 0 0.96339E-03 402943.8 3781580.4 325.1 3.40 1.45
1.47 YES
L0001188 0 0.96339E-03 402946.9 3781580.4 324.9 3.40 1.45
1.47 YES
L0001189 0 0.96339E-03 402950.1 3781580.3 324.7 3.40 1.45
1.47 YES
L0001190 0 0.96339E-03 402953.2 3781580.2 324.6 3.40 1.45
1.47 YES
L0001191 0 0.96339E-03 402956.3 3781580.2 324.4 3.40 1.45
1.47 YES
L0001192 0 0.96339E-03 402959.4 3781580.1 324.3 3.40 1.45
1.47 YES
L0001193 0 0.96339E-03 402962.5 3781580.0 324.1 3.40 1.45
1.47 YES
L0001194 0 0.96339E-03 402965.7 3781579.9 324.0 3.40 1.45
1.47 YES
L0001195 0 0.96339E-03 402968.8 3781579.9 323.8 3.40 1.45
1.47 YES
L0001196 0 0.96339E-03 402971.9 3781579.8 323.7 3.40 1.45
1.47 YES
L0001197 0 0.96339E-03 402975.0 3781579.7 323.6 3.40 1.45
1.47 YES
L0001198 0 0.96339E-03 402978.1 3781579.7 323.5 3.40 1.45
1.47 YES
L0001199 0 0.96339E-03 402981.3 3781579.6 323.4 3.40 1.45
1.47 YES
L0001200 0 0.96339E-03 402984.4 3781579.5 323.3 3.40 1.45
1.47 YES
L0001201 0 0.96339E-03 402987.5 3781579.5 323.2 3.40 1.45

1.47 YES
L0001202 0 0.96339E-03 402990.6 3781579.4 323.2 3.40 1.45
1.47 YES
L0001203 0 0.96339E-03 402993.7 3781579.3 323.1 3.40 1.45
1.47 YES
L0001204 0 0.96339E-03 402996.9 3781579.2 323.0 3.40 1.45
1.47 YES
L0001205 0 0.96339E-03 403000.0 3781579.2 323.0 3.40 1.45
1.47 YES
L0001206 0 0.96339E-03 403003.1 3781579.1 322.9 3.40 1.45
1.47 YES
L0001207 0 0.96339E-03 403006.2 3781579.0 322.9 3.40 1.45
1.47 YES
L0001208 0 0.96339E-03 403009.3 3781579.0 322.8 3.40 1.45
1.47 YES
L0001209 0 0.96339E-03 403012.4 3781578.9 322.7 3.40 1.45
1.47 YES
L0001210 0 0.96339E-03 403015.6 3781578.8 322.7 3.40 1.45
1.47 YES
L0001211 0 0.96339E-03 403018.7 3781578.8 322.6 3.40 1.45
1.47 YES
L0001212 0 0.96339E-03 403021.8 3781578.7 322.7 3.40 1.45
1.47 YES
L0001213 0 0.96339E-03 403024.9 3781578.6 322.7 3.40 1.45
1.47 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001214	0	0.96339E-03	403028.0	3781578.5	322.8	3.40	1.45	1.47	YES	
L0001215	0	0.96339E-03	403029.0	3781576.4	322.7	3.40	1.45	1.47	YES	
L0001216	0	0.96339E-03	403028.9	3781573.3	322.5	3.40	1.45			

1.47 YES
L0001217 0 0.96339E-03 403028.8 3781570.2 322.2 3.40 1.45
1.47 YES
L0001218 0 0.96339E-03 403028.7 3781567.0 321.9 3.40 1.45
1.47 YES
L0001219 0 0.96339E-03 403028.6 3781563.9 321.6 3.40 1.45
1.47 YES
L0001220 0 0.96339E-03 403028.5 3781560.8 321.2 3.40 1.45
1.47 YES
L0001221 0 0.96339E-03 403028.5 3781557.7 320.9 3.40 1.45
1.47 YES
L0001222 0 0.96339E-03 403028.4 3781554.6 320.6 3.40 1.45
1.47 YES
L0001223 0 0.96339E-03 403028.3 3781551.5 320.3 3.40 1.45
1.47 YES
L0001224 0 0.96339E-03 403028.2 3781548.3 320.0 3.40 1.45
1.47 YES
L0001225 0 0.96339E-03 403028.1 3781545.2 319.7 3.40 1.45
1.47 YES
L0001226 0 0.96339E-03 403028.0 3781542.1 319.4 3.40 1.45
1.47 YES
L0001227 0 0.96339E-03 403027.9 3781539.0 319.1 3.40 1.45
1.47 YES
L0001228 0 0.96339E-03 403027.8 3781535.9 318.8 3.40 1.45
1.47 YES
L0001229 0 0.96339E-03 403027.8 3781532.7 318.4 3.40 1.45
1.47 YES
L0001230 0 0.96339E-03 403027.7 3781529.6 318.1 3.40 1.45
1.47 YES
L0001231 0 0.96339E-03 403027.6 3781526.5 317.8 3.40 1.45
1.47 YES
L0001232 0 0.96339E-03 403027.5 3781523.4 317.5 3.40 1.45
1.47 YES
L0001233 0 0.96339E-03 403027.4 3781520.3 317.2 3.40 1.45
1.47 YES
L0001234 0 0.96339E-03 403027.3 3781517.1 317.0 3.40 1.45
1.47 YES
L0001235 0 0.96339E-03 403027.1 3781514.0 316.7 3.40 1.45
1.47 YES
L0001236 0 0.96339E-03 403026.8 3781510.9 316.4 3.40 1.45
1.47 YES
L0001237 0 0.96339E-03 403026.6 3781507.8 316.1 3.40 1.45
1.47 YES
L0001238 0 0.96339E-03 403026.3 3781504.7 315.7 3.40 1.45
1.47 YES
L0001239 0 0.96339E-03 403026.0 3781501.6 315.4 3.40 1.45
1.47 YES
L0001240 0 0.96339E-03 403025.7 3781498.5 315.1 3.40 1.45
1.47 YES
L0001241 0 0.96339E-03 403025.4 3781495.4 314.8 3.40 1.45

1.47   YES
L0001242   0   0.96339E-03 403025.2 3781492.3   314.5   3.40   1.45
1.47   YES
L0001243   0   0.96339E-03 403024.9 3781489.2   314.2   3.40   1.45
1.47   YES
L0001244   0   0.96339E-03 403024.6 3781486.1   313.9   3.40   1.45
1.47   YES
L0001245   0   0.96339E-03 403024.3 3781483.0   313.6   3.40   1.45
1.47   YES
L0001246   0   0.96339E-03 403024.0 3781479.9   313.2   3.40   1.45
1.47   YES
L0001247   0   0.96339E-03 403023.8 3781476.7   312.9   3.40   1.45
1.47   YES
L0001248   0   0.96339E-03 403023.5 3781473.6   312.6   3.40   1.45
1.47   YES
L0001249   0   0.96339E-03 403023.2 3781470.5   312.3   3.40   1.45
1.47   YES
L0001250   0   0.96339E-03 403022.9 3781467.4   312.0   3.40   1.45
1.47   YES
L0001251   0   0.96339E-03 403022.6 3781464.3   311.7   3.40   1.45
1.47   YES
L0001252   0   0.96339E-03 403022.3 3781461.2   311.4   3.40   1.45
1.47   YES
L0001253   0   0.96339E-03 403022.1 3781458.1   311.2   3.40   1.45
1.47   YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
- -

L0001254   0   0.96339E-03 403021.8 3781455.0   310.9   3.40   1.45
1.47   YES
L0001255   0   0.96339E-03 403021.6 3781451.9   310.6   3.40   1.45
1.47   YES
L0001256   0   0.96339E-03 403021.4 3781448.8   310.4   3.40   1.45

1.47 YES
L0001257 0 0.96339E-03 403021.2 3781445.7 310.1 3.40 1.45
1.47 YES
L0001258 0 0.96339E-03 403021.0 3781442.5 309.8 3.40 1.45
1.47 YES
L0001259 0 0.96339E-03 403020.8 3781439.4 309.6 3.40 1.45
1.47 YES
L0001260 0 0.96339E-03 403020.6 3781436.3 309.3 3.40 1.45
1.47 YES
L0001261 0 0.96339E-03 403020.3 3781433.2 309.1 3.40 1.45
1.47 YES
L0001262 0 0.96339E-03 403020.1 3781430.1 308.8 3.40 1.45
1.47 YES
L0001263 0 0.96339E-03 403019.9 3781427.0 308.6 3.40 1.45
1.47 YES
L0001264 0 0.96339E-03 403019.7 3781423.9 308.3 3.40 1.45
1.47 YES
L0001265 0 0.96339E-03 403019.5 3781420.8 308.0 3.40 1.45
1.47 YES
L0001266 0 0.96339E-03 403019.3 3781417.6 307.8 3.40 1.45
1.47 YES
L0001267 0 0.96339E-03 403019.1 3781414.5 307.5 3.40 1.45
1.47 YES
L0001268 0 0.96339E-03 403018.9 3781411.4 307.3 3.40 1.45
1.47 YES
L0001269 0 0.96339E-03 403018.7 3781408.3 307.0 3.40 1.45
1.47 YES
L0001270 0 0.96339E-03 403018.4 3781405.2 306.8 3.40 1.45
1.47 YES
L0001271 0 0.96339E-03 403018.2 3781402.1 306.5 3.40 1.45
1.47 YES
L0001272 0 0.96339E-03 403018.0 3781399.0 306.2 3.40 1.45
1.47 YES
L0001273 0 0.96339E-03 403017.8 3781395.9 306.0 3.40 1.45
1.47 YES
L0001274 0 0.96339E-03 403017.6 3781392.7 305.7 3.40 1.45
1.47 YES
L0001275 0 0.96339E-03 403017.4 3781389.6 305.5 3.40 1.45
1.47 YES
L0001276 0 0.96339E-03 403017.2 3781386.5 305.2 3.40 1.45
1.47 YES
L0001277 0 0.96339E-03 403017.0 3781383.4 305.0 3.40 1.45
1.47 YES
L0001278 0 0.96339E-03 403016.7 3781380.3 304.7 3.40 1.45
1.47 YES
L0001279 0 0.96339E-03 403016.5 3781377.2 304.4 3.40 1.45
1.47 YES
L0001280 0 0.96339E-03 403016.3 3781374.1 304.2 3.40 1.45
1.47 YES
L0001281 0 0.96339E-03 403016.1 3781370.9 303.9 3.40 1.45

								1.47	YES
L0001282	0	0.96339E-03	403015.9	3781367.8	303.7	3.40	1.45	1.47	YES
L0001283	0	0.96339E-03	403015.7	3781364.7	303.4	3.40	1.45	1.47	YES
L0001284	0	0.96339E-03	403015.5	3781361.6	303.1	3.40	1.45	1.47	YES
L0001285	0	0.96339E-03	403015.3	3781358.5	302.9	3.40	1.45	1.47	YES
L0001286	0	0.96339E-03	403015.1	3781355.4	302.6	3.40	1.45	1.47	YES
L0001287	0	0.96339E-03	403014.8	3781352.3	302.3	3.40	1.45	1.47	YES
L0001288	0	0.96339E-03	403014.6	3781349.2	302.1	3.40	1.45	1.47	YES
L0001289	0	0.96339E-03	403014.4	3781346.0	301.8	3.40	1.45	1.47	YES
L0001290	0	0.96339E-03	403014.2	3781342.9	301.6	3.40	1.45	1.47	YES
L0001291	0	0.96339E-03	403014.0	3781339.8	301.3	3.40	1.45	1.47	YES
L0001292	0	0.96339E-03	403013.8	3781336.7	301.0	3.40	1.45	1.47	YES
L0001293	0	0.96339E-03	403013.6	3781333.6	300.8	3.40	1.45	1.47	YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001294	0	0.96339E-03	403013.4	3781330.5	300.6	3.40	1.45	1.47	YES	
L0001295	0	0.96339E-03	403013.1	3781327.4	300.3	3.40	1.45	1.47	YES	
L0001296	0	0.96339E-03	403012.9	3781324.3	300.1	3.40	1.45			

```
1.47     YES
 L0001297         0   0.96339E-03  403012.7 3781321.1   299.9     3.40     1.45
1.47     YES
 L0001298         0   0.96339E-03  403012.5 3781318.0   299.8     3.40     1.45
1.47     YES
 L0001299         0   0.96339E-03  403012.3 3781314.9   299.6     3.40     1.45
1.47     YES
 L0001300         0   0.96339E-03  403012.1 3781311.8   299.4     3.40     1.45
1.47     YES
 L0001301         0   0.96339E-03  403011.9 3781308.7   299.2     3.40     1.45
1.47     YES
 L0001302         0   0.96339E-03  403011.7 3781305.6   299.1     3.40     1.45
1.47     YES
 L0001303         0   0.96339E-03  403011.5 3781302.5   298.9     3.40     1.45
1.47     YES
 L0001304         0   0.96339E-03  403011.2 3781299.4   298.7     3.40     1.45
1.47     YES
 L0001305         0   0.96339E-03  403011.0 3781296.2   298.5     3.40     1.45
1.47     YES
 L0001306         0   0.96339E-03  403010.8 3781293.1   298.3     3.40     1.45
1.47     YES
 L0001307         0   0.96339E-03  403010.6 3781290.0   298.1     3.40     1.45
1.47     YES
 L0001308         0   0.96339E-03  403010.4 3781286.9   297.9     3.40     1.45
1.47     YES
 L0001309         0   0.96339E-03  403010.2 3781283.8   297.7     3.40     1.45
1.47     YES
 L0001310         0   0.96339E-03  403010.0 3781280.7   297.5     3.40     1.45
1.47     YES
 L0001311         0   0.96339E-03  403009.8 3781277.6   297.3     3.40     1.45
1.47     YES
 L0001312         0   0.96339E-03  403009.5 3781274.5   297.1     3.40     1.45
1.47     YES
 L0001313         0   0.96339E-03  403009.3 3781271.3   296.9     3.40     1.45
1.47     YES
 L0001314         0   0.96339E-03  403009.1 3781268.2   296.7     3.40     1.45
1.47     YES
 L0001315         0   0.96339E-03  403008.9 3781265.1   296.4     3.40     1.45
1.47     YES
 L0001316         0   0.96339E-03  403008.7 3781262.0   296.2     3.40     1.45
1.47     YES
 L0001317         0   0.96339E-03  403008.5 3781258.9   296.0     3.40     1.45
1.47     YES
 L0001318         0   0.96339E-03  403008.3 3781255.8   295.8     3.40     1.45
1.47     YES
 L0001319         0   0.96339E-03  403008.1 3781252.7   295.6     3.40     1.45
1.47     YES
 L0001320         0   0.96339E-03  403007.9 3781249.5   295.4     3.40     1.45
1.47     YES
 L0001321         0   0.96339E-03  403007.6 3781246.4   295.1     3.40     1.45
```

1.47 YES
L0001322 0 0.96339E-03 403007.4 3781243.3 294.9 3.40 1.45
1.47 YES
L0001323 0 0.96339E-03 403007.2 3781240.2 294.7 3.40 1.45
1.47 YES
L0001324 0 0.96339E-03 403007.0 3781237.1 294.4 3.40 1.45
1.47 YES
L0001325 0 0.96339E-03 403006.8 3781234.0 294.1 3.40 1.45
1.47 YES
L0001326 0 0.96339E-03 403006.6 3781230.9 293.9 3.40 1.45
1.47 YES
L0001327 0 0.96339E-03 403006.4 3781227.8 293.6 3.40 1.45
1.47 YES
L0001328 0 0.96339E-03 403006.2 3781224.6 293.4 3.40 1.45
1.47 YES
L0001329 0 0.96339E-03 403005.9 3781221.5 293.1 3.40 1.45
1.47 YES
L0001330 0 0.96339E-03 403005.7 3781218.4 292.8 3.40 1.45
1.47 YES
L0001331 0 0.96339E-03 403005.5 3781215.3 292.6 3.40 1.45
1.47 YES
L0001332 0 0.96339E-03 403005.3 3781212.2 292.3 3.40 1.45
1.47 YES
L0001333 0 0.96339E-03 403005.1 3781209.1 292.1 3.40 1.45
1.47 YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001334	0	0.96339E-03	403004.9	3781206.0	291.8	3.40	1.45	1.47	YES	
L0001335	0	0.96339E-03	403004.7	3781202.9	291.5	3.40	1.45	1.47	YES	
L0001336	0	0.96339E-03	403004.5	3781199.7	291.3	3.40	1.45			

1.47 YES
L0001337 0 0.96339E-03 403004.3 3781196.6 291.0 3.40 1.45
1.47 YES
L0001338 0 0.96339E-03 403004.0 3781193.5 290.7 3.40 1.45
1.47 YES
L0001339 0 0.96339E-03 403003.8 3781190.4 290.5 3.40 1.45
1.47 YES
L0001340 0 0.96339E-03 403003.6 3781187.3 290.2 3.40 1.45
1.47 YES
L0001341 0 0.96339E-03 403003.4 3781184.2 289.9 3.40 1.45
1.47 YES
L0001342 0 0.96339E-03 403003.2 3781181.1 289.7 3.40 1.45
1.47 YES
L0001343 0 0.96339E-03 403003.0 3781178.0 289.4 3.40 1.45
1.47 YES
L0001344 0 0.96339E-03 403002.8 3781174.8 289.1 3.40 1.45
1.47 YES
L0001345 0 0.96339E-03 403002.6 3781171.7 288.8 3.40 1.45
1.47 YES
L0001346 0 0.96339E-03 403002.3 3781168.6 288.6 3.40 1.45
1.47 YES
L0001347 0 0.96339E-03 403002.1 3781165.5 288.3 3.40 1.45
1.47 YES
L0001348 0 0.96339E-03 403001.9 3781162.4 288.0 3.40 1.45
1.47 YES
L0001349 0 0.96339E-03 403001.7 3781159.3 287.8 3.40 1.45
1.47 YES
L0001350 0 0.96339E-03 403001.5 3781156.2 287.5 3.40 1.45
1.47 YES
L0001351 0 0.96339E-03 403001.3 3781153.1 287.2 3.40 1.45
1.47 YES
L0001352 0 0.96339E-03 403001.1 3781149.9 287.0 3.40 1.45
1.47 YES
L0001353 0 0.96339E-03 403000.9 3781146.8 286.8 3.40 1.45
1.47 YES
L0001354 0 0.96339E-03 403000.7 3781143.7 286.5 3.40 1.45
1.47 YES
L0001355 0 0.96339E-03 403000.4 3781140.6 286.3 3.40 1.45
1.47 YES
L0001356 0 0.96339E-03 403000.2 3781137.5 286.0 3.40 1.45
1.47 YES
L0001357 0 0.96339E-03 403000.0 3781134.4 285.8 3.40 1.45
1.47 YES
L0001358 0 0.96339E-03 402999.8 3781131.3 285.5 3.40 1.45
1.47 YES
L0001359 0 0.96339E-03 402999.6 3781128.1 285.2 3.40 1.45
1.47 YES
L0001360 0 0.96339E-03 402999.4 3781125.0 285.0 3.40 1.45
1.47 YES
L0001361 0 0.96339E-03 402999.2 3781121.9 284.7 3.40 1.45

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1.47     YES
 L0001362         0   0.96339E-03  402999.0 3781118.8   284.4     3.40     1.45
1.47     YES
 L0001363         0   0.96339E-03  402998.8 3781115.7   284.1     3.40     1.45
1.47     YES
 L0001364         0   0.96339E-03  402998.5 3781112.6   283.8     3.40     1.45
1.47     YES
 L0001365         0   0.96339E-03  402998.3 3781109.5   283.5     3.40     1.45
1.47     YES
 L0001366         0   0.96339E-03  402998.1 3781106.4   283.2     3.40     1.45
1.47     YES
 L0001367         0   0.96339E-03  402997.9 3781103.2   282.9     3.40     1.45
1.47     YES
 L0001368         0   0.96339E-03  402997.8 3781100.1   282.6     3.40     1.45
1.47     YES
 L0001369         0   0.96339E-03  402997.6 3781097.0   282.3     3.40     1.45
1.47     YES
 L0001370         0   0.96339E-03  402997.4 3781093.9   282.0     3.40     1.45
1.47     YES
 L0001371         0   0.96339E-03  402997.3 3781090.8   281.7     3.40     1.45
1.47     YES
 L0001372         0   0.96339E-03  402997.1 3781087.7   281.4     3.40     1.45
1.47     YES
 L0001373         0   0.96339E-03  402997.0 3781084.6   281.2     3.40     1.45
1.47     YES
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                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                   BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.                (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0001374         0   0.96339E-03  402996.8 3781081.4   280.9     3.40     1.45
1.47     YES
 L0001375         0   0.96339E-03  402996.6 3781078.3   280.6     3.40     1.45
1.47     YES
 L0001376         0   0.96339E-03  402996.5 3781075.2   280.2     3.40     1.45
```

1.47 YES
L0001377 0 0.96339E-03 402996.3 3781072.1 279.9 3.40 1.45
1.47 YES
L0001378 0 0.96339E-03 402996.1 3781069.0 279.6 3.40 1.45
1.47 YES
L0001379 0 0.96339E-03 402996.0 3781065.9 279.3 3.40 1.45
1.47 YES
L0001380 0 0.96339E-03 402995.8 3781062.7 279.0 3.40 1.45
1.47 YES
L0001381 0 0.96339E-03 402995.7 3781059.6 278.7 3.40 1.45
1.47 YES
L0001382 0 0.96339E-03 402995.5 3781056.5 278.4 3.40 1.45
1.47 YES
L0001383 0 0.96339E-03 402995.3 3781053.4 278.2 3.40 1.45
1.47 YES
L0001384 0 0.96339E-03 402995.1 3781050.3 277.9 3.40 1.45
1.47 YES
L0001385 0 0.96339E-03 402995.0 3781047.2 277.6 3.40 1.45
1.47 YES
L0001386 0 0.96339E-03 402994.8 3781044.0 277.4 3.40 1.45
1.47 YES
L0001387 0 0.96339E-03 402994.6 3781040.9 277.2 3.40 1.45
1.47 YES
L0001388 0 0.96339E-03 402994.4 3781037.8 276.9 3.40 1.45
1.47 YES
L0001389 0 0.96339E-03 402994.2 3781034.7 276.7 3.40 1.45
1.47 YES
L0001390 0 0.96339E-03 402994.1 3781031.6 276.5 3.40 1.45
1.47 YES
L0001391 0 0.96339E-03 402993.9 3781028.5 276.3 3.40 1.45
1.47 YES
L0001392 0 0.96339E-03 402993.7 3781025.4 276.1 3.40 1.45
1.47 YES
L0001393 0 0.96339E-03 402993.5 3781022.2 275.9 3.40 1.45
1.47 YES
L0001394 0 0.96339E-03 402993.4 3781019.1 275.7 3.40 1.45
1.47 YES
L0001395 0 0.96339E-03 402993.2 3781016.0 275.5 3.40 1.45
1.47 YES
L0001396 0 0.96339E-03 402993.0 3781012.9 275.3 3.40 1.45
1.47 YES
L0001397 0 0.96339E-03 402992.8 3781009.8 275.1 3.40 1.45
1.47 YES
L0001398 0 0.96339E-03 402992.6 3781006.7 274.9 3.40 1.45
1.47 YES
L0001399 0 0.96339E-03 402992.5 3781003.6 274.6 3.40 1.45
1.47 YES
L0001400 0 0.96339E-03 402992.3 3781000.4 274.4 3.40 1.45
1.47 YES
L0001401 0 0.96339E-03 402992.1 3780997.3 274.2 3.40 1.45

1.47 YES
L0001402 0 0.96339E-03 402991.9 3780994.2 274.0 3.40 1.45
1.47 YES
L0001403 0 0.96339E-03 402991.8 3780991.1 273.8 3.40 1.45
1.47 YES
L0001404 0 0.96339E-03 402991.6 3780988.0 273.5 3.40 1.45
1.47 YES
L0001405 0 0.96339E-03 402991.4 3780984.9 273.3 3.40 1.45
1.47 YES
L0001406 0 0.96339E-03 402991.2 3780981.8 273.1 3.40 1.45
1.47 YES
L0001407 0 0.96339E-03 402991.0 3780978.6 272.8 3.40 1.45
1.47 YES
L0001408 0 0.96339E-03 402990.9 3780975.5 272.6 3.40 1.45
1.47 YES
L0001409 0 0.96339E-03 402990.7 3780972.4 272.4 3.40 1.45
1.47 YES
L0001410 0 0.96339E-03 402990.5 3780969.3 272.1 3.40 1.45
1.47 YES
L0001411 0 0.96339E-03 402990.3 3780966.2 271.9 3.40 1.45
1.47 YES
L0001412 0 0.96339E-03 402990.2 3780963.1 271.7 3.40 1.45
1.47 YES
L0001413 0 0.96339E-03 402990.0 3780959.9 271.4 3.40 1.45
1.47 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY
L0001414	0	0.96339E-03	402989.8	3780956.8	271.2	3.40	1.45	1.47	YES
L0001415	0	0.96339E-03	402989.6	3780953.7	271.0	3.40	1.45	1.47	YES
L0001416	0	0.96339E-03	402989.4	3780950.6	270.9	3.40	1.45		

1.47 YES
L0001417 0 0.96339E-03 402989.3 3780947.5 270.7 3.40 1.45
1.47 YES
L0001418 0 0.96339E-03 402989.1 3780944.4 270.5 3.40 1.45
1.47 YES
L0001419 0 0.96339E-03 402988.9 3780941.3 270.3 3.40 1.45
1.47 YES
L0001420 0 0.96339E-03 402988.7 3780938.1 270.1 3.40 1.45
1.47 YES
L0001421 0 0.96339E-03 402988.6 3780935.0 269.8 3.40 1.45
1.47 YES
L0001422 0 0.96339E-03 402988.4 3780931.9 269.6 3.40 1.45
1.47 YES
L0001423 0 0.96339E-03 402988.2 3780928.8 269.4 3.40 1.45
1.47 YES
L0001424 0 0.96339E-03 402988.0 3780925.7 269.2 3.40 1.45
1.47 YES
L0001425 0 0.96339E-03 402987.8 3780922.6 269.0 3.40 1.45
1.47 YES
L0001426 0 0.96339E-03 402987.7 3780919.5 268.8 3.40 1.45
1.47 YES
L0001427 0 0.96339E-03 402987.5 3780916.3 268.5 3.40 1.45
1.47 YES
L0001428 0 0.96339E-03 402987.3 3780913.2 268.3 3.40 1.45
1.47 YES
L0001429 0 0.96339E-03 402987.1 3780910.1 268.1 3.40 1.45
1.47 YES
L0001430 0 0.96339E-03 402987.0 3780907.0 267.9 3.40 1.45
1.47 YES
L0001431 0 0.96339E-03 402986.8 3780903.9 267.6 3.40 1.45
1.47 YES
L0001432 0 0.96339E-03 402986.6 3780900.8 267.4 3.40 1.45
1.47 YES
L0001433 0 0.96339E-03 402986.4 3780897.6 267.2 3.40 1.45
1.47 YES
L0001434 0 0.96339E-03 402986.2 3780894.5 266.9 3.40 1.45
1.47 YES
L0001435 0 0.96339E-03 402986.1 3780891.4 266.7 3.40 1.45
1.47 YES
L0001436 0 0.96339E-03 402985.9 3780888.3 266.5 3.40 1.45
1.47 YES
L0001437 0 0.96339E-03 402985.7 3780885.2 266.3 3.40 1.45
1.47 YES
L0001438 0 0.96339E-03 402985.5 3780882.1 266.2 3.40 1.45
1.47 YES
L0001439 0 0.96339E-03 402985.4 3780879.0 266.0 3.40 1.45
1.47 YES
L0001440 0 0.96339E-03 402985.2 3780875.8 265.8 3.40 1.45
1.47 YES
L0001441 0 0.96339E-03 402985.0 3780872.7 265.7 3.40 1.45

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1.47     YES
 L0001442         0   0.96339E-03  402984.8 3780869.6   265.5     3.40     1.45
1.47     YES
 L0001443         0   0.96339E-03  402984.6 3780866.5   265.3     3.40     1.45
1.47     YES
 L0001444         0   0.96339E-03  402984.5 3780863.4   265.2     3.40     1.45
1.47     YES
 L0001445         0   0.96339E-03  402984.3 3780860.3   265.0     3.40     1.45
1.47     YES
 L0001446         0   0.96339E-03  402984.1 3780857.2   264.8     3.40     1.45
1.47     YES
 L0001447         0   0.96339E-03  402983.9 3780854.0   264.6     3.40     1.45
1.47     YES
 L0001448         0   0.96339E-03  402983.8 3780850.9   264.4     3.40     1.45
1.47     YES
 L0001449         0   0.96339E-03  402983.6 3780847.8   264.3     3.40     1.45
1.47     YES
 L0001450         0   0.96339E-03  402983.4 3780844.7   264.1     3.40     1.45
1.47     YES
 L0001451         0   0.96339E-03  402983.2 3780841.6   263.9     3.40     1.45
1.47     YES
 L0001452         0   0.96339E-03  402983.0 3780838.5   263.7     3.40     1.45
1.47     YES
 L0001453         0   0.96339E-03  402982.9 3780835.3   263.5     3.40     1.45
1.47     YES
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                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                   BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
SZ      SOURCE  SCALAR VARY
     ID         CATS.              (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
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 L0001454         0   0.96339E-03  402982.7 3780832.2   263.4     3.40     1.45
1.47     YES
 L0001455         0   0.96339E-03  402982.5 3780829.1   263.2     3.40     1.45
1.47     YES
 L0001456         0   0.96339E-03  402982.3 3780826.0   263.0     3.40     1.45
```

1.47	YES							
L0001457		0	0.96339E-03	402982.2	3780822.9	262.9	3.40	1.45
1.47	YES							
L0001458		0	0.96339E-03	402982.0	3780819.8	262.7	3.40	1.45
1.47	YES							
L0001459		0	0.96339E-03	402981.8	3780816.7	262.5	3.40	1.45
1.47	YES							
L0001460		0	0.96339E-03	402981.6	3780813.5	262.3	3.40	1.45
1.47	YES							
L0001461		0	0.96339E-03	402981.5	3780810.4	262.2	3.40	1.45
1.47	YES							
L0001462		0	0.96339E-03	402981.3	3780807.3	262.0	3.40	1.45
1.47	YES							
L0001463		0	0.96339E-03	402981.1	3780804.2	261.8	3.40	1.45
1.47	YES							
L0001464		0	0.96339E-03	402980.9	3780801.1	261.6	3.40	1.45
1.47	YES							
L0001465		0	0.96339E-03	402980.7	3780798.0	261.5	3.40	1.45
1.47	YES							
L0001466		0	0.96339E-03	402980.6	3780794.9	261.3	3.40	1.45
1.47	YES							
L0001467		0	0.96339E-03	402980.4	3780791.7	261.1	3.40	1.45
1.47	YES							
L0001468		0	0.96339E-03	402980.2	3780788.6	261.0	3.40	1.45
1.47	YES							
L0001469		0	0.96339E-03	402980.0	3780785.5	260.8	3.40	1.45
1.47	YES							
L0001470		0	0.96339E-03	402979.9	3780782.4	260.7	3.40	1.45
1.47	YES							
L0001471		0	0.96339E-03	402979.7	3780779.3	260.5	3.40	1.45
1.47	YES							
L0001472		0	0.96339E-03	402979.5	3780776.2	260.3	3.40	1.45
1.47	YES							
L0001473		0	0.96339E-03	402979.3	3780773.0	260.2	3.40	1.45
1.47	YES							
L0001474		0	0.96339E-03	402979.1	3780769.9	260.0	3.40	1.45
1.47	YES							
L0001475		0	0.96339E-03	402979.0	3780766.8	259.9	3.40	1.45
1.47	YES							
L0001476		0	0.96339E-03	402978.8	3780763.7	259.7	3.40	1.45
1.47	YES							
L0001477		0	0.96339E-03	402978.6	3780760.6	259.6	3.40	1.45
1.47	YES							
L0001478		0	0.96339E-03	402978.4	3780757.5	259.4	3.40	1.45
1.47	YES							
L0001479		0	0.96339E-03	402978.3	3780754.4	259.3	3.40	1.45
1.47	YES							
L0001480		0	0.96339E-03	402978.1	3780751.2	259.1	3.40	1.45
1.47	YES							
L0001481		0	0.96339E-03	402977.9	3780748.1	259.0	3.40	1.45

1.47   YES
 L0001482   0   0.96339E-03 402977.7 3780745.0   258.8   3.40   1.45
1.47   YES
 L0001483   0   0.96339E-03 402977.5 3780741.9   258.7   3.40   1.45
1.47   YES
 L0001484   0   0.96339E-03 402977.4 3780738.8   258.5   3.40   1.45
1.47   YES
 L0001485   0   0.96339E-03 402977.2 3780735.7   258.4   3.40   1.45
1.47   YES
 L0001486   0   0.96339E-03 402977.0 3780732.6   258.2   3.40   1.45
1.47   YES
 L0001487   0   0.96339E-03 402976.8 3780729.4   258.1   3.40   1.45
1.47   YES
 L0001488   0   0.96339E-03 402976.7 3780726.3   257.9   3.40   1.45
1.47   YES
 L0001489   0   0.96339E-03 402976.5 3780723.2   257.8   3.40   1.45
1.47   YES
 L0001490   0   0.96339E-03 402976.3 3780720.1   257.7   3.40   1.45
1.47   YES
 L0001491   0   0.96339E-03 402976.1 3780717.0   257.5   3.40   1.45
1.47   YES
 L0001492   0   0.96339E-03 402975.9 3780713.9   257.4   3.40   1.45
1.47   YES
 L0001493   0   0.96339E-03 402975.8 3780710.8   257.2   3.40   1.45
1.47   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0001494   0   0.96339E-03 402975.6 3780707.6   257.1   3.40   1.45
1.47   YES
 L0001495   0   0.96339E-03 402975.4 3780704.5   256.9   3.40   1.45
1.47   YES
 L0001496   0   0.96339E-03 402975.2 3780701.4   256.8   3.40   1.45

1.47	YES							
L0001497		0	0.96339E-03	402975.1	3780698.3	256.7	3.40	1.45
1.47	YES							
L0001498		0	0.96339E-03	402974.9	3780695.2	256.5	3.40	1.45
1.47	YES							
L0001499		0	0.96339E-03	402974.7	3780692.1	256.4	3.40	1.45
1.47	YES							
L0001500		0	0.96339E-03	402974.5	3780688.9	256.2	3.40	1.45
1.47	YES							
L0001501		0	0.96339E-03	402974.3	3780685.8	256.1	3.40	1.45
1.47	YES							
L0001502		0	0.96339E-03	402974.2	3780682.7	256.0	3.40	1.45
1.47	YES							
L0001503		0	0.96339E-03	402974.0	3780679.6	255.8	3.40	1.45
1.47	YES							
L0001504		0	0.96339E-03	402973.8	3780676.5	255.7	3.40	1.45
1.47	YES							
L0001505		0	0.96339E-03	402973.6	3780673.4	255.6	3.40	1.45
1.47	YES							
L0001506		0	0.96339E-03	402973.5	3780670.3	255.5	3.40	1.45
1.47	YES							
L0001507		0	0.96339E-03	402973.3	3780667.1	255.3	3.40	1.45
1.47	YES							
L0001508		0	0.96339E-03	402973.1	3780664.0	255.2	3.40	1.45
1.47	YES							
L0001509		0	0.96339E-03	402972.9	3780660.9	255.1	3.40	1.45
1.47	YES							
L0001510		0	0.96339E-03	402972.7	3780657.8	254.9	3.40	1.45
1.47	YES							
L0001511		0	0.96339E-03	402972.6	3780654.7	254.8	3.40	1.45
1.47	YES							
L0001512		0	0.96339E-03	402972.4	3780651.6	254.7	3.40	1.45
1.47	YES							
L0001513		0	0.96339E-03	402972.2	3780648.5	254.6	3.40	1.45
1.47	YES							
L0001514		0	0.96339E-03	402972.0	3780645.3	254.4	3.40	1.45
1.47	YES							
L0001515		0	0.96339E-03	402971.9	3780642.2	254.3	3.40	1.45
1.47	YES							
L0001516		0	0.96339E-03	402971.7	3780639.1	254.2	3.40	1.45
1.47	YES							
L0001517		0	0.96339E-03	402971.5	3780636.0	254.0	3.40	1.45
1.47	YES							
L0001518		0	0.96339E-03	402971.3	3780632.9	253.9	3.40	1.45
1.47	YES							
L0001519		0	0.96339E-03	402971.1	3780629.8	253.7	3.40	1.45
1.47	YES							
L0001520		0	0.96339E-03	402971.0	3780626.6	253.6	3.40	1.45
1.47	YES							
L0001521		0	0.96339E-03	402970.8	3780623.5	253.4	3.40	1.45

1.47   YES
 L0001522   0   0.96339E-03 402970.6 3780620.4   253.3   3.40   1.45
1.47   YES
 L0001523   0   0.96339E-03 402970.4 3780617.3   253.2   3.40   1.45
1.47   YES
 L0001524   0   0.96339E-03 402970.3 3780614.2   253.0   3.40   1.45
1.47   YES
 L0001525   0   0.96339E-03 402970.1 3780611.1   252.9   3.40   1.45
1.47   YES
 L0001526   0   0.96339E-03 402969.9 3780608.0   252.8   3.40   1.45
1.47   YES
 L0001527   0   0.96339E-03 402969.7 3780604.8   252.6   3.40   1.45
1.47   YES
 L0001528   0   0.96339E-03 402969.5 3780601.7   252.4   3.40   1.45
1.47   YES
 L0001529   0   0.96339E-03 402969.4 3780598.6   252.3   3.40   1.45
1.47   YES
 L0001530   0   0.96339E-03 402969.2 3780595.5   252.1   3.40   1.45
1.47   YES
 L0001531   0   0.96339E-03 402969.0 3780592.4   252.0   3.40   1.45
1.47   YES
 L0001532   0   0.96339E-03 402968.8 3780589.3   251.8   3.40   1.45
1.47   YES
 L0001533   0   0.96339E-03 402968.7 3780586.2   251.7   3.40   1.45
1.47   YES

*** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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 L0001534   0   0.96339E-03 402968.5 3780583.0   251.6   3.40   1.45
1.47   YES
 L0001535   0   0.96339E-03 402968.3 3780579.9   251.4   3.40   1.45
1.47   YES
 L0001536   0   0.96339E-03 402968.1 3780576.8   251.3   3.40   1.45

1.47 YES
L0001537 0 0.96339E-03 402967.9 3780573.7 251.2 3.40 1.45
1.47 YES
L0001538 0 0.96339E-03 402967.8 3780570.6 251.0 3.40 1.45
1.47 YES
L0001539 0 0.96339E-03 402967.6 3780567.5 250.9 3.40 1.45
1.47 YES
L0001540 0 0.96339E-03 402967.4 3780564.3 250.7 3.40 1.45
1.47 YES
L0001541 0 0.96339E-03 402967.2 3780561.2 250.5 3.40 1.45
1.47 YES
L0001542 0 0.96339E-03 402967.1 3780558.1 250.4 3.40 1.45
1.47 YES
L0001543 0 0.96339E-03 402966.9 3780555.0 250.2 3.40 1.45
1.47 YES
L0001544 0 0.96339E-03 402966.7 3780551.9 250.1 3.40 1.45
1.47 YES
L0001545 0 0.96339E-03 402966.5 3780548.8 249.9 3.40 1.45
1.47 YES
L0001546 0 0.96339E-03 402966.3 3780545.7 249.8 3.40 1.45
1.47 YES
L0001547 0 0.96339E-03 402966.2 3780542.5 249.7 3.40 1.45
1.47 YES
L0001548 0 0.96339E-03 402966.0 3780539.4 249.5 3.40 1.45
1.47 YES
L0001549 0 0.96339E-03 402965.8 3780536.3 249.4 3.40 1.45
1.47 YES
L0001550 0 0.96339E-03 402965.6 3780533.2 249.2 3.40 1.45
1.47 YES
L0001551 0 0.96339E-03 402965.5 3780530.1 249.1 3.40 1.45
1.47 YES
L0001552 0 0.96339E-03 402965.3 3780527.0 248.9 3.40 1.45
1.47 YES
L0001553 0 0.96339E-03 402965.1 3780523.9 248.8 3.40 1.45
1.47 YES
L0001554 0 0.96339E-03 402964.9 3780520.7 248.6 3.40 1.45
1.47 YES
L0001555 0 0.96339E-03 402964.7 3780517.6 248.5 3.40 1.45
1.47 YES
L0001556 0 0.96339E-03 402964.6 3780514.5 248.3 3.40 1.45
1.47 YES
L0001557 0 0.96339E-03 402964.4 3780511.4 248.2 3.40 1.45
1.47 YES
L0001558 0 0.96339E-03 402964.2 3780508.3 248.0 3.40 1.45
1.47 YES
L0001559 0 0.96339E-03 402964.0 3780505.2 247.9 3.40 1.45
1.47 YES
L0001560 0 0.96339E-03 402963.9 3780502.1 247.7 3.40 1.45
1.47 YES
L0001561 0 0.96339E-03 402963.7 3780498.9 247.6 3.40 1.45

1.47 YES
L0001562 0 0.96339E-03 402963.5 3780495.8 247.4 3.40 1.45
1.47 YES
L0001563 0 0.96339E-03 402963.3 3780492.7 247.3 3.40 1.45
1.47 YES
L0001564 0 0.96339E-03 402963.1 3780489.6 247.1 3.40 1.45
1.47 YES
L0001565 0 0.96339E-03 402963.0 3780486.5 247.0 3.40 1.45
1.47 YES
L0001566 0 0.96339E-03 402962.8 3780483.4 246.9 3.40 1.45
1.47 YES
L0001567 0 0.96339E-03 402962.6 3780480.2 246.7 3.40 1.45
1.47 YES
L0001568 0 0.96339E-03 402962.4 3780477.1 246.6 3.40 1.45
1.47 YES
L0001569 0 0.96339E-03 402962.3 3780474.0 246.4 3.40 1.45
1.47 YES
L0001570 0 0.96339E-03 402962.1 3780470.9 246.2 3.40 1.45
1.47 YES
L0001571 0 0.96339E-03 402961.9 3780467.8 246.1 3.40 1.45
1.47 YES
L0001572 0 0.96339E-03 402961.7 3780464.7 245.9 3.40 1.45
1.47 YES
L0001573 0 0.96339E-03 402961.5 3780461.6 245.8 3.40 1.45
1.47 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001574	0	0.96339E-03	402961.3	3780458.4	245.6	3.40	1.45	1.47	YES	
L0001575	0	0.96339E-03	402961.1	3780455.3	245.5	3.40	1.45	1.47	YES	
L0001576	0	0.96339E-03	402960.9	3780452.2	245.3	3.40	1.45			

1.47 YES
L0001577 0 0.96339E-03 402960.7 3780449.1 245.2 3.40 1.45
1.47 YES
L0001578 0 0.96339E-03 402960.5 3780446.0 245.0 3.40 1.45
1.47 YES
L0001579 0 0.96339E-03 402960.3 3780442.9 244.9 3.40 1.45
1.47 YES
L0001580 0 0.96339E-03 402960.0 3780439.8 244.7 3.40 1.45
1.47 YES
L0001581 0 0.96339E-03 402959.8 3780436.7 244.6 3.40 1.45
1.47 YES
L0001582 0 0.96339E-03 402959.6 3780433.5 244.4 3.40 1.45
1.47 YES
L0001583 0 0.96339E-03 402959.4 3780430.4 244.3 3.40 1.45
1.47 YES
L0001584 0 0.96339E-03 402959.2 3780427.3 244.2 3.40 1.45
1.47 YES
L0001585 0 0.96339E-03 402959.0 3780424.2 244.0 3.40 1.45
1.47 YES
L0001586 0 0.96339E-03 402958.8 3780421.1 243.9 3.40 1.45
1.47 YES
L0001587 0 0.96339E-03 402958.6 3780418.0 243.7 3.40 1.45
1.47 YES
L0001588 0 0.96339E-03 402958.4 3780414.9 243.6 3.40 1.45
1.47 YES
L0001589 0 0.96339E-03 402958.2 3780411.7 243.4 3.40 1.45
1.47 YES
L0001590 0 0.96339E-03 402958.0 3780408.6 243.3 3.40 1.45
1.47 YES
L0001591 0 0.96339E-03 402957.8 3780405.5 243.1 3.40 1.45
1.47 YES
L0001592 0 0.96339E-03 402957.6 3780402.4 243.0 3.40 1.45
1.47 YES
L0001593 0 0.96339E-03 402957.4 3780399.3 242.8 3.40 1.45
1.47 YES
L0001594 0 0.96339E-03 402957.2 3780396.2 242.7 3.40 1.45
1.47 YES
L0001595 0 0.96339E-03 402957.0 3780393.1 242.5 3.40 1.45
1.47 YES
L0001596 0 0.96339E-03 402956.8 3780390.0 242.4 3.40 1.45
1.47 YES
L0001597 0 0.96339E-03 402956.6 3780386.8 242.2 3.40 1.45
1.47 YES
L0001598 0 0.96339E-03 402956.4 3780383.7 242.0 3.40 1.45
1.47 YES
L0001599 0 0.96339E-03 402956.2 3780380.6 241.9 3.40 1.45
1.47 YES
L0001600 0 0.96339E-03 402956.0 3780377.5 241.7 3.40 1.45
1.47 YES
L0001601 0 0.96339E-03 402955.8 3780374.4 241.6 3.40 1.45

1.47   YES
 L0001602   0   0.96339E-03 402955.6 3780371.3   241.4   3.40   1.45
1.47   YES
 L0001603   0   0.96339E-03 402955.4 3780368.2   241.2   3.40   1.45
1.47   YES
 L0001604   0   0.96339E-03 402955.1 3780365.0   241.1   3.40   1.45
1.47   YES
 L0001605   0   0.96339E-03 402954.9 3780361.9   240.9   3.40   1.45
1.47   YES
 L0001606   0   0.96339E-03 402954.7 3780358.8   240.7   3.40   1.45
1.47   YES
 L0001607   0   0.96339E-03 402954.5 3780355.7   240.6   3.40   1.45
1.47   YES
 L0001608   0   0.96339E-03 402954.3 3780352.6   240.4   3.40   1.45
1.47   YES
 L0001609   0   0.96339E-03 402954.1 3780349.5   240.2   3.40   1.45
1.47   YES
 L0001610   0   0.96339E-03 402953.9 3780346.4   240.0   3.40   1.45
1.47   YES
 L0001611   0   0.96339E-03 402953.7 3780343.3   239.9   3.40   1.45
1.47   YES
 L0001612   0   0.96339E-03 402953.5 3780340.1   239.7   3.40   1.45
1.47   YES
 L0001613   0   0.96339E-03 402953.3 3780337.0   239.5   3.40   1.45
1.47   YES

                                                   *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -

 L0001614   0   0.96339E-03 402953.1 3780333.9   239.4   3.40   1.45
1.47   YES
 L0001615   0   0.96339E-03 402952.9 3780330.8   239.2   3.40   1.45
1.47   YES
 L0001616   0   0.96339E-03 402952.7 3780327.7   239.1   3.40   1.45

1.47 YES
L0001617 0 0.96339E-03 402952.5 3780324.6 238.9 3.40 1.45
1.47 YES
L0001618 0 0.96339E-03 402952.3 3780321.5 238.7 3.40 1.45
1.47 YES
L0001619 0 0.96339E-03 402952.1 3780318.3 238.6 3.40 1.45
1.47 YES
L0001620 0 0.96339E-03 402951.9 3780315.2 238.4 3.40 1.45
1.47 YES
L0001621 0 0.96339E-03 402951.7 3780312.1 238.3 3.40 1.45
1.47 YES
L0001622 0 0.96339E-03 402951.5 3780309.0 238.1 3.40 1.45
1.47 YES
L0001623 0 0.96339E-03 402951.3 3780305.9 238.0 3.40 1.45
1.47 YES
L0001624 0 0.96339E-03 402951.1 3780302.8 237.8 3.40 1.45
1.47 YES
L0001625 0 0.96339E-03 402950.9 3780299.7 237.7 3.40 1.45
1.47 YES
L0001626 0 0.96339E-03 402950.7 3780296.6 237.6 3.40 1.45
1.47 YES
L0001627 0 0.96339E-03 402950.5 3780293.4 237.4 3.40 1.45
1.47 YES
L0001628 0 0.96339E-03 402950.2 3780290.3 237.2 3.40 1.45
1.47 YES
L0001629 0 0.96339E-03 402950.0 3780287.2 237.1 3.40 1.45
1.47 YES
L0001630 0 0.96339E-03 402949.8 3780284.1 236.9 3.40 1.45
1.47 YES
L0001631 0 0.96339E-03 402949.6 3780281.0 236.8 3.40 1.45
1.47 YES
L0001632 0 0.96339E-03 402949.4 3780277.9 236.6 3.40 1.45
1.47 YES
L0001633 0 0.96339E-03 402949.2 3780274.8 236.5 3.40 1.45
1.47 YES
L0001634 0 0.96339E-03 402949.0 3780271.6 236.4 3.40 1.45
1.47 YES
L0001635 0 0.96339E-03 402948.8 3780268.5 236.2 3.40 1.45
1.47 YES
L0001636 0 0.96339E-03 402948.6 3780265.4 236.1 3.40 1.45
1.47 YES
L0001637 0 0.96339E-03 402948.4 3780262.3 235.9 3.40 1.45
1.47 YES
L0001638 0 0.96339E-03 402948.2 3780259.2 235.8 3.40 1.45
1.47 YES
L0001639 0 0.96339E-03 402948.0 3780256.1 235.6 3.40 1.45
1.47 YES
L0001640 0 0.96339E-03 402947.8 3780253.0 235.5 3.40 1.45
1.47 YES
L0001641 0 0.96339E-03 402947.6 3780249.9 235.3 3.40 1.45

1.47   YES
 L0001642   0   0.96339E-03 402947.4 3780246.7   235.2   3.40   1.45
1.47   YES
 L0001643   0   0.96339E-03 402947.2 3780243.6   235.0   3.40   1.45
1.47   YES
 L0001644   0   0.96339E-03 402947.0 3780240.5   234.9   3.40   1.45
1.47   YES
 L0001645   0   0.96339E-03 402946.8 3780237.4   234.7   3.40   1.45
1.47   YES
 L0001646   0   0.96339E-03 402946.6 3780234.3   234.6   3.40   1.45
1.47   YES
 L0001647   0   0.96339E-03 402946.4 3780231.2   234.4   3.40   1.45
1.47   YES
 L0001648   0   0.96339E-03 402946.2 3780228.1   234.3   3.40   1.45
1.47   YES
 L0001649   0   0.96339E-03 402946.0 3780224.9   234.1   3.40   1.45
1.47   YES
 L0001650   0   0.96339E-03 402945.8 3780221.8   234.0   3.40   1.45
1.47   YES
 L0001651   0   0.96339E-03 402945.6 3780218.7   233.9   3.40   1.45
1.47   YES
 L0001652   0   0.96339E-03 402945.3 3780215.6   233.7   3.40   1.45
1.47   YES
 L0001653   0   0.96339E-03 402945.1 3780212.5   233.6   3.40   1.45
1.47   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -

 L0001654   0   0.96339E-03 402944.9 3780209.4   233.4   3.40   1.45
1.47   YES
 L0001655   0   0.96339E-03 402944.7 3780206.3   233.2   3.40   1.45
1.47   YES
 L0001656   0   0.96339E-03 402944.5 3780203.2   233.1   3.40   1.45

1.47 YES
L0001657 0 0.96339E-03 402944.3 3780200.0 233.0 3.40 1.45
1.47 YES
L0001658 0 0.96339E-03 402944.1 3780196.9 232.8 3.40 1.45
1.47 YES
L0001659 0 0.96339E-03 402943.9 3780193.8 232.7 3.40 1.45
1.47 YES
L0001660 0 0.96339E-03 402943.7 3780190.7 232.5 3.40 1.45
1.47 YES
L0001661 0 0.96339E-03 402943.5 3780187.6 232.3 3.40 1.45
1.47 YES
L0001662 0 0.96339E-03 402943.3 3780184.5 232.2 3.40 1.45
1.47 YES
L0001663 0 0.96339E-03 402943.1 3780181.4 232.0 3.40 1.45
1.47 YES
L0001664 0 0.96339E-03 402942.9 3780178.2 231.9 3.40 1.45
1.47 YES
L0001665 0 0.96339E-03 402942.7 3780175.1 231.7 3.40 1.45
1.47 YES
L0001666 0 0.96339E-03 402942.5 3780172.0 231.6 3.40 1.45
1.47 YES
L0001667 0 0.96339E-03 402942.3 3780168.9 231.4 3.40 1.45
1.47 YES
L0001668 0 0.96339E-03 402942.1 3780165.8 231.2 3.40 1.45
1.47 YES
L0001669 0 0.96339E-03 402941.9 3780162.7 231.1 3.40 1.45
1.47 YES
L0001670 0 0.96339E-03 402941.7 3780159.6 230.9 3.40 1.45
1.47 YES
L0001671 0 0.96339E-03 402941.5 3780156.5 230.7 3.40 1.45
1.47 YES
L0001672 0 0.96339E-03 402941.3 3780153.3 230.6 3.40 1.45
1.47 YES
L0001673 0 0.96339E-03 402941.1 3780150.2 230.4 3.40 1.45
1.47 YES
L0001674 0 0.96339E-03 402940.9 3780147.1 230.2 3.40 1.45
1.47 YES
L0001675 0 0.96339E-03 402940.7 3780144.0 230.1 3.40 1.45
1.47 YES
L0001676 0 0.96339E-03 402940.5 3780140.9 229.9 3.40 1.45
1.47 YES
L0001677 0 0.96339E-03 402940.2 3780137.8 229.8 3.40 1.45
1.47 YES
L0001678 0 0.96339E-03 402940.0 3780134.7 229.6 3.40 1.45
1.47 YES
L0001679 0 0.96339E-03 402939.8 3780131.5 229.5 3.40 1.45
1.47 YES
L0001680 0 0.96339E-03 402939.6 3780128.4 229.3 3.40 1.45
1.47 YES
L0001681 0 0.96339E-03 402939.4 3780125.3 229.2 3.40 1.45

1.47 YES
L0001682 0 0.96339E-03 402939.2 3780122.2 229.0 3.40 1.45
1.47 YES
L0001683 0 0.96339E-03 402939.0 3780119.1 228.9 3.40 1.45
1.47 YES
L0001684 0 0.96339E-03 402938.8 3780116.0 228.7 3.40 1.45
1.47 YES
L0001685 0 0.96339E-03 402938.6 3780112.9 228.6 3.40 1.45
1.47 YES
L0001686 0 0.96339E-03 402938.4 3780109.8 228.4 3.40 1.45
1.47 YES
L0001687 0 0.96339E-03 402938.2 3780106.6 228.2 3.40 1.45
1.47 YES
L0001688 0 0.96339E-03 402938.0 3780103.5 228.1 3.40 1.45
1.47 YES
L0001689 0 0.96339E-03 402937.8 3780100.4 227.9 3.40 1.45
1.47 YES
L0001690 0 0.96339E-03 402937.6 3780097.3 227.8 3.40 1.45
1.47 YES
L0001691 0 0.96339E-03 402937.4 3780094.2 227.6 3.40 1.45
1.47 YES
L0001692 0 0.96339E-03 402937.2 3780091.1 227.5 3.40 1.45
1.47 YES
L0001693 0 0.96339E-03 402937.0 3780088.0 227.3 3.40 1.45
1.47 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001694	0	0.96339E-03	402936.8	3780084.8	227.1	3.40	1.45	1.47	YES	
L0001695	0	0.96339E-03	402936.6	3780081.7	227.0	3.40	1.45	1.47	YES	
L0001696	0	0.96339E-03	402936.4	3780078.6	226.8	3.40	1.45			

1.47 YES
L0001697 0 0.96339E-03 402936.2 3780075.5 226.7 3.40 1.45
1.47 YES
L0001698 0 0.96339E-03 402936.0 3780072.4 226.5 3.40 1.45
1.47 YES
L0001699 0 0.96339E-03 402935.8 3780069.3 226.4 3.40 1.45
1.47 YES
L0001700 0 0.96339E-03 402935.5 3780066.2 226.2 3.40 1.45
1.47 YES
L0001701 0 0.96339E-03 402935.3 3780063.1 226.1 3.40 1.45
1.47 YES
L0001702 0 0.96339E-03 402935.1 3780059.9 225.9 3.40 1.45
1.47 YES
L0001703 0 0.96339E-03 402934.9 3780056.8 225.7 3.40 1.45
1.47 YES
L0001704 0 0.96339E-03 402934.7 3780053.7 225.6 3.40 1.45
1.47 YES
L0001705 0 0.96339E-03 402934.5 3780050.6 225.4 3.40 1.45
1.47 YES
L0001706 0 0.96339E-03 402934.3 3780047.5 225.3 3.40 1.45
1.47 YES
L0001707 0 0.96339E-03 402934.1 3780044.4 225.1 3.40 1.45
1.47 YES
L0001708 0 0.96339E-03 402933.9 3780041.3 224.9 3.40 1.45
1.47 YES
L0001709 0 0.96339E-03 402933.7 3780038.1 224.8 3.40 1.45
1.47 YES
L0001710 0 0.96339E-03 402933.5 3780035.0 224.6 3.40 1.45
1.47 YES
L0001711 0 0.96339E-03 402933.3 3780031.9 224.5 3.40 1.45
1.47 YES
L0001712 0 0.96339E-03 402933.1 3780028.8 224.3 3.40 1.45
1.47 YES
L0001713 0 0.96339E-03 402932.9 3780025.7 224.1 3.40 1.45
1.47 YES
L0001714 0 0.96339E-03 402932.7 3780022.6 224.0 3.40 1.45
1.47 YES
L0001715 0 0.96339E-03 402932.5 3780019.5 223.8 3.40 1.45
1.47 YES
L0001716 0 0.96339E-03 402932.3 3780016.4 223.7 3.40 1.45
1.47 YES
L0001717 0 0.96339E-03 402932.1 3780013.2 223.5 3.40 1.45
1.47 YES
L0001718 0 0.96339E-03 402931.9 3780010.1 223.3 3.40 1.45
1.47 YES
L0001719 0 0.96339E-03 402931.7 3780007.0 223.2 3.40 1.45
1.47 YES
L0001720 0 0.96339E-03 402931.5 3780003.9 223.0 3.40 1.45
1.47 YES
L0001721 0 0.96339E-03 402931.3 3780000.8 222.9 3.40 1.45

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1.47     YES
 L0001722         0   0.96339E-03  402931.1 3779997.7   222.8     3.40     1.45
1.47     YES
 L0001723         0   0.96339E-03  402930.9 3779994.6   222.6     3.40     1.45
1.47     YES
 L0001724         0   0.96339E-03  402930.7 3779991.4   222.5     3.40     1.45
1.47     YES
 L0001725         0   0.96339E-03  402930.4 3779988.3   222.3     3.40     1.45
1.47     YES
 L0001726         0   0.96339E-03  402930.2 3779985.2   222.2     3.40     1.45
1.47     YES
 L0001727         0   0.96339E-03  402930.0 3779982.1   222.0     3.40     1.45
1.47     YES
 L0001728         0   0.96339E-03  402929.8 3779979.0   221.9     3.40     1.45
1.47     YES
 L0001729         0   0.96339E-03  402929.6 3779975.9   221.8     3.40     1.45
1.47     YES
 L0001730         0   0.96339E-03  402929.4 3779972.8   221.6     3.40     1.45
1.47     YES
 L0001731         0   0.96339E-03  402929.2 3779969.7   221.5     3.40     1.45
1.47     YES
 L0001732         0   0.96339E-03  402929.0 3779966.5   221.3     3.40     1.45
1.47     YES
 L0001733         0   0.96339E-03  402928.8 3779963.4   221.2     3.40     1.45
1.47     YES
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                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                   BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
SZ      SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)            BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0001734         0   0.96339E-03  402928.6 3779960.3   221.1     3.40     1.45
1.47     YES
 L0001735         0   0.96339E-03  402928.4 3779957.2   220.9     3.40     1.45
1.47     YES
 L0001736         0   0.96339E-03  402928.2 3779954.1   220.8     3.40     1.45
```

1.47 YES
L0001737 0 0.96339E-03 402928.0 3779951.0 220.6 3.40 1.45
1.47 YES
L0001738 0 0.96339E-03 402927.8 3779947.9 220.5 3.40 1.45
1.47 YES
L0001739 0 0.96339E-03 402927.6 3779944.8 220.3 3.40 1.45
1.47 YES
L0001740 0 0.96339E-03 402927.4 3779941.6 220.2 3.40 1.45
1.47 YES
L0001741 0 0.96339E-03 402927.2 3779938.5 220.1 3.40 1.45
1.47 YES
L0001742 0 0.96339E-03 402927.0 3779935.4 219.9 3.40 1.45
1.47 YES
L0001743 0 0.96339E-03 402926.8 3779932.3 219.8 3.40 1.45
1.47 YES
L0001744 0 0.96339E-03 402926.6 3779929.2 219.6 3.40 1.45
1.47 YES
L0001745 0 0.96339E-03 402926.4 3779926.1 219.5 3.40 1.45
1.47 YES
L0001746 0 0.96339E-03 402926.2 3779923.0 219.3 3.40 1.45
1.47 YES
L0001747 0 0.96339E-03 402926.0 3779919.8 219.2 3.40 1.45
1.47 YES
L0001748 0 0.96339E-03 402925.8 3779916.7 219.1 3.40 1.45
1.47 YES
L0001749 0 0.96339E-03 402925.5 3779913.6 218.9 3.40 1.45
1.47 YES
L0001750 0 0.96339E-03 402925.3 3779910.5 218.8 3.40 1.45
1.47 YES
L0001751 0 0.96339E-03 402925.1 3779907.4 218.6 3.40 1.45
1.47 YES
L0001752 0 0.96339E-03 402924.9 3779904.3 218.5 3.40 1.45
1.47 YES
L0001753 0 0.96339E-03 402924.7 3779901.2 218.3 3.40 1.45
1.47 YES
L0001754 0 0.96339E-03 402924.5 3779898.1 218.2 3.40 1.45
1.47 YES
L0001755 0 0.96339E-03 402924.3 3779894.9 218.0 3.40 1.45
1.47 YES
L0001756 0 0.96339E-03 402924.1 3779891.8 217.9 3.40 1.45
1.47 YES
L0001757 0 0.96339E-03 402923.9 3779888.7 217.7 3.40 1.45
1.47 YES
L0001758 0 0.96339E-03 402923.7 3779885.6 217.6 3.40 1.45
1.47 YES
L0001759 0 0.96339E-03 402923.5 3779882.5 217.5 3.40 1.45
1.47 YES
L0001760 0 0.96339E-03 402923.3 3779879.4 217.3 3.40 1.45
1.47 YES
L0001761 0 0.96339E-03 402923.1 3779876.3 217.2 3.40 1.45

1.47   YES
 L0001762   0   0.96339E-03 402923.0 3779873.1   217.0   3.40   1.45
1.47   YES
 L0001763   0   0.96339E-03 402922.8 3779870.0   216.9   3.40   1.45
1.47   YES
 L0001764   0   0.96339E-03 402922.6 3779866.9   216.7   3.40   1.45
1.47   YES
 L0001765   0   0.96339E-03 402922.4 3779863.8   216.6   3.40   1.45
1.47   YES
 L0001766   0   0.96339E-03 402922.2 3779860.7   216.4   3.40   1.45
1.47   YES
 L0001767   0   0.96339E-03 402922.0 3779857.6   216.3   3.40   1.45
1.47   YES
 L0001768   0   0.96339E-03 402921.8 3779854.5   216.1   3.40   1.45
1.47   YES
 L0001769   0   0.96339E-03 402921.7 3779851.3   216.0   3.40   1.45
1.47   YES
 L0001770   0   0.96339E-03 402921.5 3779848.2   215.9   3.40   1.45
1.47   YES
 L0001771   0   0.96339E-03 402921.3 3779845.1   215.7   3.40   1.45
1.47   YES
 L0001772   0   0.96339E-03 402921.1 3779842.0   215.6   3.40   1.45
1.47   YES
 L0001773   0   0.96339E-03 402920.9 3779838.9   215.4   3.40   1.45
1.47   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

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               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X         Y       ELEV.   HEIGHT      SY
SZ      SOURCE  SCALAR VARY
     ID         CATS.                (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 L0001774         0   0.96339E-03  402920.7 3779835.8   215.3     3.40     1.45
1.47     YES
 L0001775         0   0.96339E-03  402920.5 3779832.7   215.1     3.40     1.45
1.47     YES
 L0001776         0   0.96339E-03  402920.4 3779829.5   215.0     3.40     1.45
```

1.47	YES						
L0001777	0	0.96339E-03	402920.2	3779826.4	214.8	3.40	1.45
1.47	YES						
L0001778	0	0.96339E-03	402920.0	3779823.3	214.7	3.40	1.45
1.47	YES						
L0001779	0	0.96339E-03	402919.8	3779820.2	214.5	3.40	1.45
1.47	YES						
L0001780	0	0.96339E-03	402919.6	3779817.1	214.4	3.40	1.45
1.47	YES						
L0001781	0	0.96339E-03	402919.4	3779814.0	214.2	3.40	1.45
1.47	YES						
L0001782	0	0.96339E-03	402919.2	3779810.9	214.1	3.40	1.45
1.47	YES						
L0001783	0	0.96339E-03	402919.1	3779807.7	213.9	3.40	1.45
1.47	YES						
L0001784	0	0.96339E-03	402918.9	3779804.6	213.8	3.40	1.45
1.47	YES						
L0001785	0	0.96339E-03	402918.7	3779801.5	213.7	3.40	1.45
1.47	YES						
L0001786	0	0.96339E-03	402918.5	3779798.4	213.5	3.40	1.45
1.47	YES						
L0001787	0	0.96339E-03	402918.3	3779795.3	213.4	3.40	1.45
1.47	YES						
L0001788	0	0.96339E-03	402918.1	3779792.2	213.2	3.40	1.45
1.47	YES						
L0001789	0	0.96339E-03	402917.9	3779789.0	213.1	3.40	1.45
1.47	YES						
L0001790	0	0.96339E-03	402917.8	3779785.9	213.0	3.40	1.45
1.47	YES						
L0001791	0	0.96339E-03	402917.6	3779782.8	212.8	3.40	1.45
1.47	YES						
L0001792	0	0.96339E-03	402917.4	3779779.7	212.7	3.40	1.45
1.47	YES						
L0001793	0	0.96339E-03	402917.2	3779776.6	212.6	3.40	1.45
1.47	YES						
L0001794	0	0.96339E-03	402917.0	3779773.5	212.4	3.40	1.45
1.47	YES						
L0001795	0	0.96339E-03	402916.8	3779770.4	212.3	3.40	1.45
1.47	YES						
L0001796	0	0.96339E-03	402916.6	3779767.2	212.2	3.40	1.45
1.47	YES						
L0001797	0	0.96339E-03	402916.5	3779764.1	212.0	3.40	1.45
1.47	YES						
L0001798	0	0.96339E-03	402916.3	3779761.0	211.9	3.40	1.45
1.47	YES						
L0001799	0	0.96339E-03	402916.1	3779757.9	211.8	3.40	1.45
1.47	YES						
L0001800	0	0.96339E-03	402915.9	3779754.8	211.6	3.40	1.45
1.47	YES						
L0001801	0	0.96339E-03	402915.7	3779751.7	211.5	3.40	1.45

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1.47     YES
 L0001802         0   0.96339E-03  402915.5 3779748.6   211.4     3.40     1.45
1.47     YES
 L0001803         0   0.96339E-03  402915.3 3779745.4   211.3     3.40     1.45
1.47     YES
 L0001804         0   0.96339E-03  402915.2 3779742.3   211.1     3.40     1.45
1.47     YES
 L0001805         0   0.96339E-03  402915.0 3779739.2   211.0     3.40     1.45
1.47     YES
 L0001806         0   0.96339E-03  402914.8 3779736.1   210.9     3.40     1.45
1.47     YES
 L0001807         0   0.96339E-03  402914.6 3779733.0   210.7     3.40     1.45
1.47     YES
 L0001808         0   0.96339E-03  402914.4 3779729.9   210.6     3.40     1.45
1.47     YES
 L0001809         0   0.96339E-03  402914.2 3779726.8   210.5     3.40     1.45
1.47     YES
 L0001810         0   0.96339E-03  402914.0 3779723.6   210.3     3.40     1.45
1.47     YES
 L0001811         0   0.96339E-03  402913.9 3779720.5   210.2     3.40     1.45
1.47     YES
 L0001812         0   0.96339E-03  402913.7 3779717.4   210.0     3.40     1.45
1.47     YES
 L0001813         0   0.96339E-03  402913.5 3779714.3   209.9     3.40     1.45
1.47     YES
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                   BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
SZ      SOURCE  SCALAR VARY
     ID         CATS.              (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0001814         0   0.96339E-03  402913.3 3779711.2   209.8     3.40     1.45
1.47     YES
 L0001815         0   0.96339E-03  402913.1 3779708.1   209.6     3.40     1.45
1.47     YES
 L0001816         0   0.96339E-03  402912.9 3779705.0   209.5     3.40     1.45
```

1.47 YES
L0001817 0 0.96339E-03 402912.7 3779701.8 209.3 3.40 1.45
1.47 YES
L0001818 0 0.96339E-03 402912.6 3779698.7 209.2 3.40 1.45
1.47 YES
L0001819 0 0.96339E-03 402912.4 3779695.6 209.0 3.40 1.45
1.47 YES
L0001820 0 0.96339E-03 402912.2 3779692.5 208.9 3.40 1.45
1.47 YES
L0001821 0 0.96339E-03 402912.0 3779689.4 208.7 3.40 1.45
1.47 YES
L0001822 0 0.96339E-03 402911.8 3779686.3 208.6 3.40 1.45
1.47 YES
L0001823 0 0.96339E-03 402911.6 3779683.2 208.5 3.40 1.45
1.47 YES
L0001824 0 0.96339E-03 402911.4 3779680.0 208.3 3.40 1.45
1.47 YES
L0001825 0 0.96339E-03 402911.3 3779676.9 208.2 3.40 1.45
1.47 YES
L0001826 0 0.96339E-03 402911.1 3779673.8 208.0 3.40 1.45
1.47 YES
L0001827 0 0.96339E-03 402910.9 3779670.7 207.9 3.40 1.45
1.47 YES
L0001828 0 0.96339E-03 402910.7 3779667.6 207.8 3.40 1.45
1.47 YES
L0001829 0 0.96339E-03 402910.5 3779664.5 207.6 3.40 1.45
1.47 YES
L0001830 0 0.96339E-03 402910.3 3779661.4 207.5 3.40 1.45
1.47 YES
L0001831 0 0.96339E-03 402910.1 3779658.2 207.3 3.40 1.45
1.47 YES
L0001832 0 0.96339E-03 402910.0 3779655.1 207.2 3.40 1.45
1.47 YES
L0001833 0 0.96339E-03 402909.8 3779652.0 207.1 3.40 1.45
1.47 YES
L0001834 0 0.96339E-03 402909.6 3779648.9 206.9 3.40 1.45
1.47 YES
L0001835 0 0.96339E-03 402909.4 3779645.8 206.8 3.40 1.45
1.47 YES
L0001836 0 0.96339E-03 402909.2 3779642.7 206.6 3.40 1.45
1.47 YES
L0001837 0 0.96339E-03 402909.0 3779639.6 206.5 3.40 1.45
1.47 YES
L0001838 0 0.96339E-03 402908.8 3779636.4 206.4 3.40 1.45
1.47 YES
L0001839 0 0.96339E-03 402908.7 3779633.3 206.2 3.40 1.45
1.47 YES
L0001840 0 0.96339E-03 402908.5 3779630.2 206.1 3.40 1.45
1.47 YES
L0001841 0 0.96339E-03 402908.3 3779627.1 205.9 3.40 1.45

1.47 YES
L0001842 0 0.96339E-03 402908.1 3779624.0 205.8 3.40 1.45
1.47 YES
L0001843 0 0.96339E-03 402907.9 3779620.9 205.7 3.40 1.45
1.47 YES
L0001844 0 0.96339E-03 402907.7 3779617.8 205.5 3.40 1.45
1.47 YES
L0001845 0 0.96339E-03 402907.5 3779614.6 205.4 3.40 1.45
1.47 YES
L0001846 0 0.96339E-03 402907.4 3779611.5 205.2 3.40 1.45
1.47 YES
L0001847 0 0.96339E-03 402907.2 3779608.4 205.1 3.40 1.45
1.47 YES
L0001848 0 0.96339E-03 402907.0 3779605.3 204.9 3.40 1.45
1.47 YES
L0001849 0 0.96339E-03 402906.8 3779602.2 204.8 3.40 1.45
1.47 YES
L0001850 0 0.96339E-03 402906.6 3779599.1 204.7 3.40 1.45
1.47 YES
L0001851 0 0.96339E-03 402906.4 3779596.0 204.5 3.40 1.45
1.47 YES
L0001852 0 0.96339E-03 402906.2 3779592.8 204.4 3.40 1.45
1.47 YES
L0001853 0 0.96339E-03 402906.1 3779589.7 204.2 3.40 1.45
1.47 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001854	0	0.96339E-03	402905.9	3779586.6	204.1	3.40	1.45	1.47	YES	
L0001855	0	0.96339E-03	402905.7	3779583.5	204.0	3.40	1.45	1.47	YES	
L0001856	0	0.96339E-03	402905.5	3779580.4	203.8	3.40	1.45			

1.47 YES
L0001857 0 0.96339E-03 402905.3 3779577.3 203.7 3.40 1.45
1.47 YES
L0001858 0 0.96339E-03 402905.1 3779574.2 203.6 3.40 1.45
1.47 YES
L0001859 0 0.96339E-03 402904.9 3779571.0 203.4 3.40 1.45
1.47 YES
L0001860 0 0.96339E-03 402904.8 3779567.9 203.3 3.40 1.45
1.47 YES
L0001861 0 0.96339E-03 402904.6 3779564.8 203.1 3.40 1.45
1.47 YES
L0001862 0 0.96339E-03 402904.4 3779561.7 203.0 3.40 1.45
1.47 YES
L0001863 0 0.96339E-03 402904.2 3779558.6 202.9 3.40 1.45
1.47 YES
L0001864 0 0.96339E-03 402904.0 3779555.5 202.7 3.40 1.45
1.47 YES
L0001865 0 0.96339E-03 402903.8 3779552.3 202.6 3.40 1.45
1.47 YES
L0001866 0 0.96339E-03 402903.6 3779549.2 202.5 3.40 1.45
1.47 YES
L0001867 0 0.96339E-03 402903.5 3779546.1 202.4 3.40 1.45
1.47 YES
L0001868 0 0.96339E-03 402903.3 3779543.0 202.2 3.40 1.45
1.47 YES
L0001869 0 0.96339E-03 402903.1 3779539.9 202.1 3.40 1.45
1.47 YES
L0001870 0 0.96339E-03 402902.9 3779536.8 201.9 3.40 1.45
1.47 YES
L0001871 0 0.96339E-03 402902.7 3779533.7 201.8 3.40 1.45
1.47 YES
L0001872 0 0.96339E-03 402902.5 3779530.5 201.7 3.40 1.45
1.47 YES
L0001873 0 0.96339E-03 402902.3 3779527.4 201.5 3.40 1.45
1.47 YES
L0001874 0 0.96339E-03 402902.2 3779524.3 201.4 3.40 1.45
1.47 YES
L0001875 0 0.96339E-03 402902.0 3779521.2 201.2 3.40 1.45
1.47 YES
L0001876 0 0.96339E-03 402901.8 3779518.1 201.1 3.40 1.45
1.47 YES
L0001877 0 0.96339E-03 402901.6 3779515.0 200.9 3.40 1.45
1.47 YES
L0001878 0 0.96339E-03 402901.4 3779511.9 200.8 3.40 1.45
1.47 YES
L0001879 0 0.96339E-03 402901.2 3779508.7 200.7 3.40 1.45
1.47 YES
L0001880 0 0.96339E-03 402901.0 3779505.6 200.5 3.40 1.45
1.47 YES
L0001881 0 0.96339E-03 402900.9 3779502.5 200.4 3.40 1.45

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1.47     YES
 L0001882         0   0.96339E-03  402900.7 3779499.4   200.2     3.40     1.45
1.47     YES
 L0001883         0   0.96339E-03  402900.5 3779496.3   200.1     3.40     1.45
1.47     YES
 L0001884         0   0.96339E-03  402900.3 3779493.2   200.0     3.40     1.45
1.47     YES
 L0001885         0   0.96339E-03  402900.1 3779490.1   199.8     3.40     1.45
1.47     YES
 L0001886         0   0.96339E-03  402899.9 3779486.9   199.7     3.40     1.45
1.47     YES
 L0001887         0   0.96339E-03  402899.7 3779483.8   199.5     3.40     1.45
1.47     YES
 L0001888         0   0.96339E-03  402899.6 3779480.7   199.4     3.40     1.45
1.47     YES
 L0001889         0   0.96339E-03  402899.4 3779477.6   199.2     3.40     1.45
1.47     YES
 L0001890         0   0.96339E-03  402899.2 3779474.5   199.1     3.40     1.45
1.47     YES
 L0001891         0   0.96339E-03  402899.0 3779471.4   199.0     3.40     1.45
1.47     YES
 L0001892         0   0.96339E-03  402898.8 3779468.3   198.8     3.40     1.45
1.47     YES
 L0001893         0   0.96339E-03  402898.6 3779465.1   198.7     3.40     1.45
1.47     YES
```

```
                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                   BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY
SZ      SOURCE  SCALAR VARY
     ID         CATS.              (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

 L0001894         0   0.96339E-03  402898.4 3779462.0   198.6     3.40     1.45
1.47     YES
 L0001895         0   0.96339E-03  402898.3 3779458.9   198.4     3.40     1.45
1.47     YES
 L0001896         0   0.96339E-03  402898.1 3779455.8   198.3     3.40     1.45
```

1.47 YES
L0001897 0 0.96339E-03 402897.9 3779452.7 198.1 3.40 1.45
1.47 YES
L0001898 0 0.96339E-03 402897.7 3779449.6 198.0 3.40 1.45
1.47 YES
L0001899 0 0.96339E-03 402897.5 3779446.5 197.9 3.40 1.45
1.47 YES
L0001900 0 0.96339E-03 402897.3 3779443.3 197.7 3.40 1.45
1.47 YES
L0001901 0 0.96339E-03 402897.1 3779440.2 197.6 3.40 1.45
1.47 YES
L0001902 0 0.96339E-03 402897.0 3779437.1 197.5 3.40 1.45
1.47 YES
L0001903 0 0.96339E-03 402896.8 3779434.0 197.3 3.40 1.45
1.47 YES
L0001904 0 0.96339E-03 402896.6 3779430.9 197.2 3.40 1.45
1.47 YES
L0001905 0 0.96339E-03 402896.4 3779427.8 197.0 3.40 1.45
1.47 YES
L0001906 0 0.96339E-03 402896.2 3779424.7 196.9 3.40 1.45
1.47 YES
L0001907 0 0.96339E-03 402896.0 3779421.5 196.8 3.40 1.45
1.47 YES
L0001908 0 0.96339E-03 402895.8 3779418.4 196.6 3.40 1.45
1.47 YES
L0001909 0 0.96339E-03 402895.7 3779415.3 196.5 3.40 1.45
1.47 YES
L0001910 0 0.96339E-03 402895.5 3779412.2 196.3 3.40 1.45
1.47 YES
L0001911 0 0.96339E-03 402895.3 3779409.1 196.2 3.40 1.45
1.47 YES
L0001912 0 0.96339E-03 402895.1 3779406.0 196.1 3.40 1.45
1.47 YES
L0001913 0 0.96339E-03 402894.9 3779402.9 196.0 3.40 1.45
1.47 YES
L0001914 0 0.96339E-03 402894.7 3779399.7 195.8 3.40 1.45
1.47 YES
L0001915 0 0.96339E-03 402894.5 3779396.6 195.7 3.40 1.45
1.47 YES
L0001916 0 0.96339E-03 402894.4 3779393.5 195.5 3.40 1.45
1.47 YES
L0001917 0 0.96339E-03 402894.2 3779390.4 195.4 3.40 1.45
1.47 YES
L0001918 0 0.96339E-03 402894.0 3779387.3 195.3 3.40 1.45
1.47 YES
L0001919 0 0.96339E-03 402893.8 3779384.2 195.2 3.40 1.45
1.47 YES
L0001920 0 0.96339E-03 402893.6 3779381.1 195.0 3.40 1.45
1.47 YES
L0001921 0 0.96339E-03 402893.4 3779377.9 194.9 3.40 1.45

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1.47     YES
 L0001922         0   0.96339E-03  402893.2 3779374.8   194.8     3.40     1.45
1.47     YES
 L0001923         0   0.96339E-03  402893.1 3779371.7   194.7     3.40     1.45
1.47     YES
 L0001924         0   0.96339E-03  402892.9 3779368.6   194.5     3.40     1.45
1.47     YES
 L0001925         0   0.96339E-03  402892.7 3779365.5   194.4     3.40     1.45
1.47     YES
 L0001926         0   0.96339E-03  402892.5 3779362.4   194.3     3.40     1.45
1.47     YES
 L0001927         0   0.96339E-03  402892.5 3779359.3   194.2     3.40     1.45
1.47     YES
 L0001928         0   0.96339E-03  402892.6 3779356.1   194.1     3.40     1.45
1.47     YES
 L0001929         0   0.96339E-03  402892.8 3779353.0   194.0     3.40     1.45
1.47     YES
 L0001930         0   0.96339E-03  402892.9 3779349.9   194.0     3.40     1.45
1.47     YES
 L0001931         0   0.96339E-03  402893.1 3779346.8   193.9     3.40     1.45
1.47     YES
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


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L0000006    , L0000007    , L0000008    ,

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L0000014    , L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

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L0000038    , L0000039    , L0000040    ,
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 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 ,
	L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,
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	L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,
	L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,
	L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 ,
	L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 ,
	L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 ,
	L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 ,
	L0000241 , L0000242 , L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 ,
	L0000249 , L0000250 , L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 ,
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L0000294   , L0000295   , L0000296   ,

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L0000310   , L0000311   , L0000312   ,

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L0000318   , L0000319   , L0000320   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
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                                   PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 ,
	L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 ,
	L0000918 , L0000919 , L0000920 , L0000921 , L0000922 , L0000923 , L0000924 , L0000925 ,
	L0000926 , L0000927 , L0000928 , L0000929 , L0000930 , L0000931 , L0000932 , L0000933 ,
	L0000934 , L0000935 , L0000936 , L0000937 , L0000938 , L0000939 , L0000940 , L0000941 ,
	L0000942 , L0000943 , L0000944 , L0000945 , L0000946 , L0000947 , L0000948 , L0000949 ,
	L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 , L0000956 , L0000957 ,
	L0000958 , L0000959 , L0000960 , L0000961 , L0000962 , L0000963 , L0000964 , L0000965 ,
	L0000966 , L0000967 , L0000968 , L0000969 , L0000970 , L0000971 , L0000972 , L0000973 ,
	L0000974 , L0000975 , L0000976 , L0000977 , L0000978 , L0000979 , L0000980 , L0000981 ,
	L0000982 , L0000983 , L0000984 , L0000985 , L0000986 , L0000987 , L0000988 , L0000989 ,
	L0000990 , L0000991 , L0000992 , L0000993 , L0000994 , L0000995 , L0000996 , L0000997 ,
	L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0001075 , L0001076 , L0001077 ,

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L0001083 , L0001084 , L0001085 ,

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L0001094 , L0001095 , L0001096 , L0001097 , L0001098 ,
L0001099 , L0001100 , L0001101 ,

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L0001107    , L0001108    , L0001109    ,

             L0001110    , L0001111    , L0001112    , L0001113    , L0001114    ,
L0001115    , L0001116    , L0001117    ,

             L0001118    , L0001119    , L0001120    , L0001121    , L0001122    ,
L0001123    , L0001124    , L0001125    ,

             L0001126    , L0001127    , L0001128    , L0001129    , L0001130    ,
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 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0001390 , L0001391 , L0001392 , L0001393 , L0001394 , L0001395 , L0001396 , L0001397 ,
	L0001398 , L0001399 , L0001400 , L0001401 , L0001402 , L0001403 , L0001404 , L0001405 ,
	L0001406 , L0001407 , L0001408 , L0001409 , L0001410 , L0001411 , L0001412 , L0001413 ,
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 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***
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SRCGROUP ID	SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 ,	
L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 ,	
L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 ,	
L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 ,	
L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 ,	
L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 ,	

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L0000158    , L0000159    , L0000160    ,

             L0000161    , L0000162    , L0000163    , L0000164    , L0000165    ,
L0000166    , L0000167    , L0000168    ,

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L0000174    , L0000175    , L0000176    ,

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L0000182    , L0000183    , L0000184    ,

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L0000190    , L0000191    , L0000192    ,

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L0000198    , L0000199    , L0000200    ,

             L0000201    , L0000202    , L0000203    , L0000204    , L0000205    ,
L0000206    , L0000207    , L0000208    ,

             L0000209    , L0000210    , L0000211    , L0000212    , L0000213    ,
L0000214    , L0000215    , L0000216    ,

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L0000222    , L0000223    , L0000224    ,

             L0000225    , L0000226    , L0000227    , L0000228    , L0000229    ,
L0000230    , L0000231    , L0000232    ,

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L0000238    , L0000239    , L0000240    ,
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0000246    , L0000247    , L0000248    ,

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L0000254    , L0000255    , L0000256    ,

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L0000262    , L0000263    , L0000264    ,

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L0000270    , L0000271    , L0000272    ,

             L0000273    , L0000274    , L0000275    , L0000276    , L0000277    ,
L0000278    , L0000279    , L0000280    ,

             L0000281    , L0000282    , L0000283    , L0000284    , L0000285    ,
L0000286    , L0000287    , L0000288    ,

             L0000289    , L0000290    , L0000291    , L0000292    , L0000293    ,
L0000294    , L0000295    , L0000296    ,

             L0000297    , L0000298    , L0000299    , L0000300    , L0000301    ,
L0000302    , L0000303    , L0000304    ,

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L0000310    , L0000311    , L0000312    ,

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L0000318    , L0000319    , L0000320    ,

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L0000326    , L0000327    , L0000328    ,

             L0000329    , L0000330    , L0000331    , L0000332    , L0000333    ,
L0000334    , L0000335    , L0000336    ,

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L0000342    , L0000343    , L0000344    ,

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L0000350    , L0000351    , L0000352    ,

             L0000353    , L0000354    , L0000355    , L0000356    , L0000357    ,
L0000358    , L0000359    , L0000360    ,

             L0000361    , L0000362    , L0000363    , L0000364    , L0000365    ,
L0000366    , L0000367    , L0000368    ,

             L0000369    , L0000370    , L0000371    , L0000372    , L0000373    ,
L0000374    , L0000375    , L0000376    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000401 , L0000402 , L0000403 , L0000404 , L0000405 , L0000406 , L0000407 , L0000408 ,
	L0000409 , L0000410 , L0000411 , L0000412 , L0000413 , L0000414 , L0000415 , L0000416 ,
	L0000417 , L0000418 , L0000419 , L0000420 , L0000421 , L0000422 , L0000423 , L0000424 ,
	L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 , L0000431 , L0000432 ,
	L0000433 , L0000434 , L0000435 , L0000436 , L0000437 , L0000438 , L0000439 , L0000440 ,
	L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 , L0000447 , L0000448 ,
	L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 ,
	L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 ,
	L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 ,

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L0000478    , L0000479    , L0000480    ,

             L0000894    , L0000895    , L0000896    , L0000897    , L0000898    ,
L0000899    , L0000900    , L0000901    ,

             L0000902    , L0000903    , L0000904    , L0000905    , L0000906    ,
L0000907    , L0000908    , L0000909    ,

             L0000910    , L0000911    , L0000912    , L0000913    , L0000914    ,
L0000915    , L0000916    , L0000917    ,

             L0000918    , L0000919    , L0000920    , L0000921    , L0000922    ,
L0000923    , L0000924    , L0000925    ,

             L0000926    , L0000927    , L0000928    , L0000929    , L0000930    ,
L0000931    , L0000932    , L0000933    ,

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L0000939    , L0000940    , L0000941    ,

             L0000942    , L0000943    , L0000944    , L0000945    , L0000946    ,
L0000947    , L0000948    , L0000949    ,

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L0000955    , L0000956    , L0000957    ,

             L0000958    , L0000959    , L0000960    , L0000961    , L0000962    ,
L0000963    , L0000964    , L0000965    ,

             L0000966    , L0000967    , L0000968    , L0000969    , L0000970    ,
L0000971    , L0000972    , L0000973    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
L0000974 , L0000975 , L0000976 , L0000977 , L0000978 , L0000979 , L0000980 , L0000981 ,	

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L0000987    , L0000988    , L0000989    ,

            L0000990    , L0000991    , L0000992    , L0000993    , L0000994    ,
L0000995    , L0000996    , L0000997    ,

            L0000998    , L0000999    , L0001000    , L0001001    , L0001002    ,
L0001003    , L0001004    , L0001005    ,

            L0001006    , L0001007    , L0001008    , L0001009    , L0001010    ,
L0001011    , L0001012    , L0001013    ,

            L0001014    , L0001015    , L0001016    , L0001017    , L0001018    ,
L0001019    , L0001020    , L0001021    ,

            L0001022    , L0001023    , L0001024    , L0001025    , L0001026    ,
L0001027    , L0001028    , L0001029    ,

            L0001030    , L0001031    , L0001032    , L0001033    , L0001034    ,
L0001035    , L0001036    , L0001037    ,

            L0001038    , L0001039    , L0001040    , L0001041    , L0001042    ,
L0001043    , L0001044    , L0001045    ,

            L0001046    , L0001047    , L0001048    , L0001049    , L0001050    ,
L0001051    , L0001052    , L0001053    ,

            L0001054    , L0001055    , L0001056    , L0001057    , L0001058    ,
L0001059    , L0001060    , L0001061    ,

            L0001062    , L0001063    , L0001064    , L0001065    , L0001066    ,
L0001067    , L0001068    , L0001069    ,

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L0001075    , L0001076    , L0001077    ,

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L0001083    , L0001084    , L0001085    ,

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L0001091    , L0001092    , L0001093    ,

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             L0001126   , L0001127   , L0001128   , L0001129   , L0001130   ,
L0001131   , L0001132   , L0001133   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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             L0001134   , L0001135   , L0001136   , L0001137   , L0001138   ,
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L0001147   , L0001148   , L0001149   ,

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             L0001158   , L0001159   , L0001160   , L0001161   , L0001162   ,
L0001163   , L0001164   , L0001165   ,

             L0001166   , L0001167   , L0001168   , L0001169   , L0001170   ,
L0001171   , L0001172   , L0001173   ,

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L0001179   , L0001180   , L0001181   ,

             L0001182   , L0001183   , L0001184   , L0001185   , L0001186   ,
L0001187   , L0001188   , L0001189   ,

             L0001190   , L0001191   , L0001192   , L0001193   , L0001194   ,
L0001195   , L0001196   , L0001197   ,

             L0001198   , L0001199   , L0001200   , L0001201   , L0001202   ,
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             L0001206   , L0001207   , L0001208   , L0001209   , L0001210   ,

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L0001283    , L0001284    , L0001285    ,

             L0001286    , L0001287    , L0001288    , L0001289    , L0001290    ,
L0001291    , L0001292    , L0001293    ,
↟ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


             L0001294    , L0001295    , L0001296    , L0001297    , L0001298    ,
L0001299    , L0001300    , L0001301    ,

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L0001379 , L0001380 , L0001381 ,

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L0001387 , L0001388 , L0001389 ,

L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 ,

L0001398 , L0001399 , L0001400 , L0001401 , L0001402 ,
L0001403 , L0001404 , L0001405 ,

L0001406 , L0001407 , L0001408 , L0001409 , L0001410 ,
L0001411 , L0001412 , L0001413 ,

L0001414 , L0001415 , L0001416 , L0001417 , L0001418 ,
L0001419 , L0001420 , L0001421 ,

L0001422 , L0001423 , L0001424 , L0001425 , L0001426 ,
L0001427 , L0001428 , L0001429 ,

L0001430 , L0001431 , L0001432 , L0001433 , L0001434 ,
L0001435 , L0001436 , L0001437 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0001462 , L0001463 , L0001464 , L0001465 , L0001466 , L0001467 , L0001468 , L0001469 ,
	L0001470 , L0001471 , L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 ,
	L0001478 , L0001479 , L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 ,
	L0001486 , L0001487 , L0001488 , L0001489 , L0001490 , L0001491 , L0001492 , L0001493 ,
	L0001494 , L0001495 , L0001496 , L0001497 , L0001498 , L0001499 , L0001500 , L0001501 ,
	L0001502 , L0001503 , L0001504 , L0001505 , L0001506 , L0001507 , L0001508 , L0001509 ,
	L0001510 , L0001511 , L0001512 , L0001513 , L0001514 , L0001515 , L0001516 , L0001517 ,
	L0001518 , L0001519 , L0001520 , L0001521 , L0001522 , L0001523 , L0001524 , L0001525 ,
	L0001526 , L0001527 , L0001528 , L0001529 , L0001530 , L0001531 , L0001532 , L0001533 ,

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L0001539    , L0001540    , L0001541    ,

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L0001547    , L0001548    , L0001549    ,

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L0001579    , L0001580    , L0001581    ,

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L0001595    , L0001596    , L0001597    ,

             L0001598    , L0001599    , L0001600    , L0001601    , L0001602    ,
L0001603    , L0001604    , L0001605    ,

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L0001611    , L0001612    , L0001613    ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0001619    , L0001620    , L0001621    ,

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L0001627    , L0001628    , L0001629    ,
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L0001635    , L0001636    , L0001637    ,

             L0001638    , L0001639    , L0001640    , L0001641    , L0001642    ,
L0001643    , L0001644    , L0001645    ,

             L0001646    , L0001647    , L0001648    , L0001649    , L0001650    ,
L0001651    , L0001652    , L0001653    ,

             L0001654    , L0001655    , L0001656    , L0001657    , L0001658    ,
L0001659    , L0001660    , L0001661    ,

             L0001662    , L0001663    , L0001664    , L0001665    , L0001666    ,
L0001667    , L0001668    , L0001669    ,

             L0001670    , L0001671    , L0001672    , L0001673    , L0001674    ,
L0001675    , L0001676    , L0001677    ,

             L0001678    , L0001679    , L0001680    , L0001681    , L0001682    ,
L0001683    , L0001684    , L0001685    ,

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L0001691    , L0001692    , L0001693    ,

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L0001699    , L0001700    , L0001701    ,

             L0001702    , L0001703    , L0001704    , L0001705    , L0001706    ,
L0001707    , L0001708    , L0001709    ,

             L0001710    , L0001711    , L0001712    , L0001713    , L0001714    ,
L0001715    , L0001716    , L0001717    ,

             L0001718    , L0001719    , L0001720    , L0001721    , L0001722    ,
L0001723    , L0001724    , L0001725    ,

             L0001726    , L0001727    , L0001728    , L0001729    , L0001730    ,
L0001731    , L0001732    , L0001733    ,

             L0001734    , L0001735    , L0001736    , L0001737    , L0001738    ,
L0001739    , L0001740    , L0001741    ,

             L0001742    , L0001743    , L0001744    , L0001745    , L0001746    ,
L0001747    , L0001748    , L0001749    ,

             L0001750    , L0001751    , L0001752    , L0001753    , L0001754    ,
L0001755    , L0001756    , L0001757    ,

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L0001763    , L0001764    , L0001765    ,
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0001779 , L0001780 , L0001781 ,

L0001782 , L0001783 , L0001784 , L0001785 , L0001786 ,
L0001787 , L0001788 , L0001789 ,

L0001790 , L0001791 , L0001792 , L0001793 , L0001794 ,
L0001795 , L0001796 , L0001797 ,

L0001798 , L0001799 , L0001800 , L0001801 , L0001802 ,
L0001803 , L0001804 , L0001805 ,

L0001806 , L0001807 , L0001808 , L0001809 , L0001810 ,
L0001811 , L0001812 , L0001813 ,

L0001814 , L0001815 , L0001816 , L0001817 , L0001818 ,
L0001819 , L0001820 , L0001821 ,

L0001822 , L0001823 , L0001824 , L0001825 , L0001826 ,
L0001827 , L0001828 , L0001829 ,

L0001830 , L0001831 , L0001832 , L0001833 , L0001834 ,
L0001835 , L0001836 , L0001837 ,

L0001838 , L0001839 , L0001840 , L0001841 , L0001842 ,
L0001843 , L0001844 , L0001845 ,

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L0001851 , L0001852 , L0001853 ,

L0001854 , L0001855 , L0001856 , L0001857 , L0001858 ,
L0001859 , L0001860 , L0001861 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs
1	9818605.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,

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L0000022    , L0000023    , L0000024    ,

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L0000030    , L0000031    , L0000032    ,

             L0000033    , L0000034    , L0000035    , L0000036    , L0000037    ,
L0000038    , L0000039    , L0000040    ,

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L0000046    , L0000047    , L0000048    ,

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L0000054    , L0000055    , L0000056    ,

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L0000062    , L0000063    , L0000064    ,

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L0000070    , L0000071    , L0000072    ,

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L0000078    , L0000079    , L0000080    ,

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L0000110    , L0000111    , L0000112    ,

             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    ,
L0000118    , L0000119    , L0000120    ,

             L0000121    , L0000122    , L0000123    , L0000124    , L0000125    ,
L0000126    , L0000127    , L0000128    ,

             L0000129    , L0000130    , L0000131    , L0000132    , L0000133    ,
L0000134    , L0000135    , L0000136    ,

             L0000137    , L0000138    , L0000139    , L0000140    , L0000141    ,
L0000142    , L0000143    , L0000144    ,

             L0000145    , L0000146    , L0000147    , L0000148    , L0000149    ,
L0000150    , L0000151    , L0000152    ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs

L0000161 , L0000162 , L0000163 , L0000164 , L0000165 ,
L0000166 , L0000167 , L0000168 ,

L0000169 , L0000170 , L0000171 , L0000172 , L0000173 ,
L0000174 , L0000175 , L0000176 ,

L0000177 , L0000178 , L0000179 , L0000180 , L0000181 ,
L0000182 , L0000183 , L0000184 ,

L0000185 , L0000186 , L0000187 , L0000188 , L0000189 ,
L0000190 , L0000191 , L0000192 ,

L0000193 , L0000194 , L0000195 , L0000196 , L0000197 ,
L0000198 , L0000199 , L0000200 ,

L0000201 , L0000202 , L0000203 , L0000204 , L0000205 ,
L0000206 , L0000207 , L0000208 ,

L0000209 , L0000210 , L0000211 , L0000212 , L0000213 ,
L0000214 , L0000215 , L0000216 ,

L0000217 , L0000218 , L0000219 , L0000220 , L0000221 ,
L0000222 , L0000223 , L0000224 ,

L0000225 , L0000226 , L0000227 , L0000228 , L0000229 ,
L0000230 , L0000231 , L0000232 ,

L0000233 , L0000234 , L0000235 , L0000236 , L0000237 ,
L0000238 , L0000239 , L0000240 ,

L0000241 , L0000242 , L0000243 , L0000244 , L0000245 ,

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L0000246    , L0000247    , L0000248    ,

             L0000249    , L0000250    , L0000251    , L0000252    , L0000253    ,
L0000254    , L0000255    , L0000256    ,

             L0000257    , L0000258    , L0000259    , L0000260    , L0000261    ,
L0000262    , L0000263    , L0000264    ,

             L0000265    , L0000266    , L0000267    , L0000268    , L0000269    ,
L0000270    , L0000271    , L0000272    ,

             L0000273    , L0000274    , L0000275    , L0000276    , L0000277    ,
L0000278    , L0000279    , L0000280    ,

             L0000281    , L0000282    , L0000283    , L0000284    , L0000285    ,
L0000286    , L0000287    , L0000288    ,

             L0000289    , L0000290    , L0000291    , L0000292    , L0000293    ,
L0000294    , L0000295    , L0000296    ,

             L0000297    , L0000298    , L0000299    , L0000300    , L0000301    ,
L0000302    , L0000303    , L0000304    ,

             L0000305    , L0000306    , L0000307    , L0000308    , L0000309    ,
L0000310    , L0000311    , L0000312    ,

             L0000313    , L0000314    , L0000315    , L0000316    , L0000317    ,
L0000318    , L0000319    , L0000320    ,
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                  SOURCE IDs
  --------   ---------                                  ----------


             L0000321    , L0000322    , L0000323    , L0000324    , L0000325    ,
L0000326    , L0000327    , L0000328    ,

             L0000329    , L0000330    , L0000331    , L0000332    , L0000333    ,
L0000334    , L0000335    , L0000336    ,
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L0000342    , L0000343    , L0000344    ,

             L0000345    , L0000346    , L0000347    , L0000348    , L0000349    ,
L0000350    , L0000351    , L0000352    ,

             L0000353    , L0000354    , L0000355    , L0000356    , L0000357    ,
L0000358    , L0000359    , L0000360    ,

             L0000361    , L0000362    , L0000363    , L0000364    , L0000365    ,
L0000366    , L0000367    , L0000368    ,

             L0000369    , L0000370    , L0000371    , L0000372    , L0000373    ,
L0000374    , L0000375    , L0000376    ,

             L0000377    , L0000378    , L0000379    , L0000380    , L0000381    ,
L0000382    , L0000383    , L0000384    ,

             L0000385    , L0000386    , L0000387    , L0000388    , L0000389    ,
L0000390    , L0000391    , L0000392    ,

             L0000393    , L0000394    , L0000395    , L0000396    , L0000397    ,
L0000398    , L0000399    , L0000400    ,

             L0000401    , L0000402    , L0000403    , L0000404    , L0000405    ,
L0000406    , L0000407    , L0000408    ,

             L0000409    , L0000410    , L0000411    , L0000412    , L0000413    ,
L0000414    , L0000415    , L0000416    ,

             L0000417    , L0000418    , L0000419    , L0000420    , L0000421    ,
L0000422    , L0000423    , L0000424    ,

             L0000425    , L0000426    , L0000427    , L0000428    , L0000429    ,
L0000430    , L0000431    , L0000432    ,

             L0000433    , L0000434    , L0000435    , L0000436    , L0000437    ,
L0000438    , L0000439    , L0000440    ,

             L0000441    , L0000442    , L0000443    , L0000444    , L0000445    ,
L0000446    , L0000447    , L0000448    ,

             L0000449    , L0000450    , L0000451    , L0000452    , L0000453    ,
L0000454    , L0000455    , L0000456    ,

             L0000457    , L0000458    , L0000459    , L0000460    , L0000461    ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs

L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 ,

L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 ,

L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 ,

L0000918 , L0000919 , L0000920 , L0000921 , L0000922 ,
L0000923 , L0000924 , L0000925 ,

L0000926 , L0000927 , L0000928 , L0000929 , L0000930 ,
L0000931 , L0000932 , L0000933 ,

L0000934 , L0000935 , L0000936 , L0000937 , L0000938 ,
L0000939 , L0000940 , L0000941 ,

L0000942 , L0000943 , L0000944 , L0000945 , L0000946 ,
L0000947 , L0000948 , L0000949 ,

L0000950 , L0000951 , L0000952 , L0000953 , L0000954 ,
L0000955 , L0000956 , L0000957 ,

L0000958 , L0000959 , L0000960 , L0000961 , L0000962 ,
L0000963 , L0000964 , L0000965 ,

L0000966 , L0000967 , L0000968 , L0000969 , L0000970 ,
L0000971 , L0000972 , L0000973 ,

L0000974 , L0000975 , L0000976 , L0000977 , L0000978 ,

L0000979   , L0000980   , L0000981   ,

             L0000982   , L0000983   , L0000984   , L0000985   , L0000986   ,
L0000987   , L0000988   , L0000989   ,

             L0000990   , L0000991   , L0000992   , L0000993   , L0000994   ,
L0000995   , L0000996   , L0000997   ,

             L0000998   , L0000999   , L0001000   , L0001001   , L0001002   ,
L0001003   , L0001004   , L0001005   ,

             L0001006   , L0001007   , L0001008   , L0001009   , L0001010   ,
L0001011   , L0001012   , L0001013   ,

             L0001014   , L0001015   , L0001016   , L0001017   , L0001018   ,
L0001019   , L0001020   , L0001021   ,

             L0001022   , L0001023   , L0001024   , L0001025   , L0001026   ,
L0001027   , L0001028   , L0001029   ,

             L0001030   , L0001031   , L0001032   , L0001033   , L0001034   ,
L0001035   , L0001036   , L0001037   ,

             L0001038   , L0001039   , L0001040   , L0001041   , L0001042   ,
L0001043   , L0001044   , L0001045   ,

             L0001046   , L0001047   , L0001048   , L0001049   , L0001050   ,
L0001051   , L0001052   , L0001053   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

             L0001054   , L0001055   , L0001056   , L0001057   , L0001058   ,
L0001059   , L0001060   , L0001061   ,

             L0001062   , L0001063   , L0001064   , L0001065   , L0001066   ,
L0001067   , L0001068   , L0001069   ,

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L0001075    , L0001076    , L0001077    ,

             L0001078    , L0001079    , L0001080    , L0001081    , L0001082    ,
L0001083    , L0001084    , L0001085    ,

             L0001086    , L0001087    , L0001088    , L0001089    , L0001090    ,
L0001091    , L0001092    , L0001093    ,

             L0001094    , L0001095    , L0001096    , L0001097    , L0001098    ,
L0001099    , L0001100    , L0001101    ,

             L0001102    , L0001103    , L0001104    , L0001105    , L0001106    ,
L0001107    , L0001108    , L0001109    ,

             L0001110    , L0001111    , L0001112    , L0001113    , L0001114    ,
L0001115    , L0001116    , L0001117    ,

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L0001123    , L0001124    , L0001125    ,

             L0001126    , L0001127    , L0001128    , L0001129    , L0001130    ,
L0001131    , L0001132    , L0001133    ,

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L0001139    , L0001140    , L0001141    ,

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L0001147    , L0001148    , L0001149    ,

             L0001150    , L0001151    , L0001152    , L0001153    , L0001154    ,
L0001155    , L0001156    , L0001157    ,

             L0001158    , L0001159    , L0001160    , L0001161    , L0001162    ,
L0001163    , L0001164    , L0001165    ,

             L0001166    , L0001167    , L0001168    , L0001169    , L0001170    ,
L0001171    , L0001172    , L0001173    ,

             L0001174    , L0001175    , L0001176    , L0001177    , L0001178    ,
L0001179    , L0001180    , L0001181    ,

             L0001182    , L0001183    , L0001184    , L0001185    , L0001186    ,
L0001187    , L0001188    , L0001189    ,

             L0001190    , L0001191    , L0001192    , L0001193    , L0001194    ,
L0001195    , L0001196    , L0001197    ,

             L0001198    , L0001199    , L0001200    , L0001201    , L0001202    ,
L0001203    , L0001204    , L0001205    ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs

L0001214 , L0001215 , L0001216 , L0001217 , L0001218 ,
L0001219 , L0001220 , L0001221 ,

L0001222 , L0001223 , L0001224 , L0001225 , L0001226 ,
L0001227 , L0001228 , L0001229 ,

L0001230 , L0001231 , L0001232 , L0001233 , L0001234 ,
L0001235 , L0001236 , L0001237 ,

L0001238 , L0001239 , L0001240 , L0001241 , L0001242 ,
L0001243 , L0001244 , L0001245 ,

L0001246 , L0001247 , L0001248 , L0001249 , L0001250 ,
L0001251 , L0001252 , L0001253 ,

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L0001259 , L0001260 , L0001261 ,

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L0001275 , L0001276 , L0001277 ,

L0001278 , L0001279 , L0001280 , L0001281 , L0001282 ,
L0001283 , L0001284 , L0001285 ,

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L0001294 , L0001295 , L0001296 , L0001297 , L0001298 ,

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             L0001302    , L0001303    , L0001304    , L0001305    , L0001306    ,
L0001307    , L0001308    , L0001309    ,

             L0001310    , L0001311    , L0001312    , L0001313    , L0001314    ,
L0001315    , L0001316    , L0001317    ,

             L0001318    , L0001319    , L0001320    , L0001321    , L0001322    ,
L0001323    , L0001324    , L0001325    ,

             L0001326    , L0001327    , L0001328    , L0001329    , L0001330    ,
L0001331    , L0001332    , L0001333    ,

             L0001334    , L0001335    , L0001336    , L0001337    , L0001338    ,
L0001339    , L0001340    , L0001341    ,

             L0001342    , L0001343    , L0001344    , L0001345    , L0001346    ,
L0001347    , L0001348    , L0001349    ,

             L0001350    , L0001351    , L0001352    , L0001353    , L0001354    ,
L0001355    , L0001356    , L0001357    ,

             L0001358    , L0001359    , L0001360    , L0001361    , L0001362    ,
L0001363    , L0001364    , L0001365    ,

             L0001366    , L0001367    , L0001368    , L0001369    , L0001370    ,
L0001371    , L0001372    , L0001373    ,
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

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             L0001374    , L0001375    , L0001376    , L0001377    , L0001378    ,
L0001379    , L0001380    , L0001381    ,

             L0001382    , L0001383    , L0001384    , L0001385    , L0001386    ,
L0001387    , L0001388    , L0001389    ,
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L0001390 , L0001391 , L0001392 , L0001393 , L0001394 , L0001395 , L0001396 , L0001397 ,

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L0001406 , L0001407 , L0001408 , L0001409 , L0001410 , L0001411 , L0001412 , L0001413 ,

L0001414 , L0001415 , L0001416 , L0001417 , L0001418 , L0001419 , L0001420 , L0001421 ,

L0001422 , L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 ,

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L0001454 , L0001455 , L0001456 , L0001457 , L0001458 , L0001459 , L0001460 , L0001461 ,

L0001462 , L0001463 , L0001464 , L0001465 , L0001466 , L0001467 , L0001468 , L0001469 ,

L0001470 , L0001471 , L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 ,

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L0001494 , L0001495 , L0001496 , L0001497 , L0001498 , L0001499 , L0001500 , L0001501 ,

L0001502 , L0001503 , L0001504 , L0001505 , L0001506 , L0001507 , L0001508 , L0001509 ,

L0001510 , L0001511 , L0001512 , L0001513 , L0001514 , L0001515 , L0001516 , L0001517 ,

L0001518 , L0001519 , L0001520 , L0001521 , L0001522 , L0001523 , L0001524 , L0001525 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs

L0001534 , L0001535 , L0001536 , L0001537 , L0001538 ,
L0001539 , L0001540 , L0001541 ,

L0001542 , L0001543 , L0001544 , L0001545 , L0001546 ,
L0001547 , L0001548 , L0001549 ,

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L0001555 , L0001556 , L0001557 ,

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L0001563 , L0001564 , L0001565 ,

L0001566 , L0001567 , L0001568 , L0001569 , L0001570 ,
L0001571 , L0001572 , L0001573 ,

L0001574 , L0001575 , L0001576 , L0001577 , L0001578 ,
L0001579 , L0001580 , L0001581 ,

L0001582 , L0001583 , L0001584 , L0001585 , L0001586 ,
L0001587 , L0001588 , L0001589 ,

L0001590 , L0001591 , L0001592 , L0001593 , L0001594 ,
L0001595 , L0001596 , L0001597 ,

L0001598 , L0001599 , L0001600 , L0001601 , L0001602 ,
L0001603 , L0001604 , L0001605 ,

L0001606 , L0001607 , L0001608 , L0001609 , L0001610 ,
L0001611 , L0001612 , L0001613 ,

L0001614 , L0001615 , L0001616 , L0001617 , L0001618 ,

L0001619   , L0001620   , L0001621   ,

             L0001622   , L0001623   , L0001624   , L0001625   , L0001626   ,
L0001627   , L0001628   , L0001629   ,

             L0001630   , L0001631   , L0001632   , L0001633   , L0001634   ,
L0001635   , L0001636   , L0001637   ,

             L0001638   , L0001639   , L0001640   , L0001641   , L0001642   ,
L0001643   , L0001644   , L0001645   ,

             L0001646   , L0001647   , L0001648   , L0001649   , L0001650   ,
L0001651   , L0001652   , L0001653   ,

             L0001654   , L0001655   , L0001656   , L0001657   , L0001658   ,
L0001659   , L0001660   , L0001661   ,

             L0001662   , L0001663   , L0001664   , L0001665   , L0001666   ,
L0001667   , L0001668   , L0001669   ,

             L0001670   , L0001671   , L0001672   , L0001673   , L0001674   ,
L0001675   , L0001676   , L0001677   ,

             L0001678   , L0001679   , L0001680   , L0001681   , L0001682   ,
L0001683   , L0001684   , L0001685   ,

             L0001686   , L0001687   , L0001688   , L0001689   , L0001690   ,
L0001691   , L0001692   , L0001693   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

             L0001694   , L0001695   , L0001696   , L0001697   , L0001698   ,
L0001699   , L0001700   , L0001701   ,

             L0001702   , L0001703   , L0001704   , L0001705   , L0001706   ,
L0001707   , L0001708   , L0001709   ,

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            L0001710    , L0001711    , L0001712    , L0001713    , L0001714    ,
L0001715    , L0001716    , L0001717    ,

            L0001718    , L0001719    , L0001720    , L0001721    , L0001722    ,
L0001723    , L0001724    , L0001725    ,

            L0001726    , L0001727    , L0001728    , L0001729    , L0001730    ,
L0001731    , L0001732    , L0001733    ,

            L0001734    , L0001735    , L0001736    , L0001737    , L0001738    ,
L0001739    , L0001740    , L0001741    ,

            L0001742    , L0001743    , L0001744    , L0001745    , L0001746    ,
L0001747    , L0001748    , L0001749    ,

            L0001750    , L0001751    , L0001752    , L0001753    , L0001754    ,
L0001755    , L0001756    , L0001757    ,

            L0001758    , L0001759    , L0001760    , L0001761    , L0001762    ,
L0001763    , L0001764    , L0001765    ,

            L0001766    , L0001767    , L0001768    , L0001769    , L0001770    ,
L0001771    , L0001772    , L0001773    ,

            L0001774    , L0001775    , L0001776    , L0001777    , L0001778    ,
L0001779    , L0001780    , L0001781    ,

            L0001782    , L0001783    , L0001784    , L0001785    , L0001786    ,
L0001787    , L0001788    , L0001789    ,

            L0001790    , L0001791    , L0001792    , L0001793    , L0001794    ,
L0001795    , L0001796    , L0001797    ,

            L0001798    , L0001799    , L0001800    , L0001801    , L0001802    ,
L0001803    , L0001804    , L0001805    ,

            L0001806    , L0001807    , L0001808    , L0001809    , L0001810    ,
L0001811    , L0001812    , L0001813    ,

            L0001814    , L0001815    , L0001816    , L0001817    , L0001818    ,
L0001819    , L0001820    , L0001821    ,

            L0001822    , L0001823    , L0001824    , L0001825    , L0001826    ,
L0001827    , L0001828    , L0001829    ,

            L0001830    , L0001831    , L0001832    , L0001833    , L0001834    ,
L0001835    , L0001836    , L0001837    ,

            L0001838    , L0001839    , L0001840    , L0001841    , L0001842    ,
L0001843    , L0001844    , L0001845    ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs

L0001854 , L0001855 , L0001856 , L0001857 , L0001858 ,
L0001859 , L0001860 , L0001861 ,

L0001862 , L0001863 , L0001864 , L0001865 , L0001866 ,
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L0001870 , L0001871 , L0001872 , L0001873 , L0001874 ,
L0001875 , L0001876 , L0001877 ,

L0001878 , L0001879 , L0001880 , L0001881 , L0001882 ,
L0001883 , L0001884 , L0001885 ,

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L0001923 , L0001924 , L0001925 ,

L0001926 , L0001927 , L0001928 , L0001929 , L0001930 ,
L0001931 ,

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(399068.0, 3778942.0, 221.3, 1259.2, 0.0); (399349.8, 3778942.0, 218.3, 1259.2, 0.0);
(399631.6, 3778942.0, 213.9, 1259.2, 0.0); (399913.4, 3778942.0, 213.9, 1259.2, 0.0);
(400195.2, 3778942.0, 210.9, 1259.2, 0.0); (400477.0, 3778942.0, 208.5, 1259.2, 0.0);
(400758.8, 3778942.0, 205.2, 1259.2, 0.0); (401040.6, 3778942.0, 202.0, 1259.2, 0.0);
(401322.4, 3778942.0, 197.3, 1259.2, 0.0); (401604.2, 3778942.0, 191.7, 1259.2, 0.0);
(401886.0, 3778942.0, 187.3, 1259.2, 0.0); (402167.8, 3778942.0, 184.4, 1259.2, 0.0);
(402449.6, 3778942.0, 181.2, 1259.2, 0.0); (402731.4, 3778942.0, 177.1, 1259.2, 0.0);
(403013.2, 3778942.0, 175.8, 1259.2, 0.0); (403295.0, 3778942.0, 174.2, 1259.2, 0.0);
(403576.8, 3778942.0, 169.7, 1259.2, 0.0); (403858.6, 3778942.0, 166.7, 1259.2, 0.0);
(404140.4, 3778942.0, 156.6, 1259.2, 0.0); (404422.2, 3778942.0, 157.9, 1259.2, 0.0);
(404704.0, 3778942.0, 158.9, 1259.2, 0.0); (399068.0, 3779205.5, 226.4, 1259.2, 0.0);
(399349.8, 3779205.5, 221.8, 1259.2, 0.0); (399631.6, 3779205.5, 217.6, 1259.2, 0.0);
(399913.4, 3779205.5, 218.0, 1259.2, 0.0); (400195.2, 3779205.5, 215.9, 1259.2, 0.0);
(400477.0, 3779205.5, 212.6, 1259.2, 0.0); (400758.8, 3779205.5, 209.9, 1259.2, 0.0);
(401040.6, 3779205.5, 205.2, 1259.2, 0.0); (401322.4, 3779205.5, 212.6, 1259.2, 0.0);
(401604.2, 3779205.5, 202.1, 1259.2, 0.0); (401886.0, 3779205.5, 198.4, 1259.2, 0.0);
(402167.8, 3779205.5, 196.7, 1259.2, 0.0); (402449.6, 3779205.5, 193.8, 1259.2, 0.0);
(402731.4, 3779205.5, 188.7, 1259.2, 0.0); (403013.2, 3779205.5, 185.5, 1259.2, 0.0);
(403295.0, 3779205.5, 182.7, 1259.2, 0.0); (403576.8, 3779205.5, 179.3, 1259.2, 0.0);
(403858.6, 3779205.5, 174.6, 1259.2, 0.0); (404140.4, 3779205.5, 168.4, 1259.2, 0.0);

```
     ( 404422.2, 3779205.5,     164.5,    1259.2,       0.0);         ( 404704.0,
3779205.5,     164.8,    1259.2,       0.0);
     ( 399068.0, 3779469.1,     231.7,    1259.2,       0.0);         ( 399349.8,
3779469.1,     225.6,    1259.2,       0.0);
     ( 399631.6, 3779469.1,     221.3,    1259.2,       0.0);         ( 399913.4,
3779469.1,     222.9,    1259.2,       0.0);
     ( 400195.2, 3779469.1,     220.5,    1259.2,       0.0);         ( 400477.0,
3779469.1,     217.1,    1259.2,       0.0);
     ( 400758.8, 3779469.1,     214.0,    1259.2,       0.0);         ( 401040.6,
3779469.1,     218.2,    1259.2,       0.0);
     ( 401322.4, 3779469.1,     215.6,    1259.2,       0.0);         ( 401604.2,
3779469.1,     212.2,    1259.2,       0.0);
     ( 401886.0, 3779469.1,     212.3,    1259.2,       0.0);         ( 402167.8,
3779469.1,     209.2,    1259.2,       0.0);
     ( 402449.6, 3779469.1,     207.0,    1259.2,       0.0);         ( 402731.4,
3779469.1,     204.0,    1259.2,       0.0);
     ( 403013.2, 3779469.1,     196.8,    1259.2,       0.0);         ( 403295.0,
3779469.1,     193.2,    1259.2,       0.0);
     ( 403576.8, 3779469.1,     187.1,    1259.2,       0.0);         ( 403858.6,
3779469.1,     182.1,    1259.2,       0.0);
     ( 404140.4, 3779469.1,     176.8,    1259.2,       0.0);         ( 404422.2,
3779469.1,     169.8,    1259.2,       0.0);
     ( 404704.0, 3779469.1,     169.6,    1259.2,       0.0);         ( 399068.0,
3779732.6,     236.6,    1259.2,       0.0);
     ( 399349.8, 3779732.6,     231.1,    1259.2,       0.0);         ( 399631.6,
3779732.6,     227.9,    1259.2,       0.0);
     ( 399913.4, 3779732.6,     228.1,    1259.2,       0.0);         ( 400195.2,
3779732.6,     225.1,    1259.2,       0.0);
     ( 400477.0, 3779732.6,     221.6,    1259.2,       0.0);         ( 400758.8,
3779732.6,     235.7,    1259.2,       0.0);
     ( 401040.6, 3779732.6,     230.7,    1259.2,       0.0);         ( 401322.4,
3779732.6,     226.0,    1259.2,       0.0);
     ( 401604.2, 3779732.6,     224.9,    1259.2,       0.0);         ( 401886.0,
3779732.6,     225.3,    1259.2,       0.0);
     ( 402167.8, 3779732.6,     223.2,    1259.2,       0.0);         ( 402449.6,
3779732.6,     220.0,    1259.2,       0.0);
     ( 402731.4, 3779732.6,     215.5,    1259.2,       0.0);         ( 403013.2,
3779732.6,     208.2,    1259.2,       0.0);
     ( 403295.0, 3779732.6,     202.0,    1259.2,       0.0);         ( 403576.8,
3779732.6,     196.9,    1259.2,       0.0);
     ( 403858.6, 3779732.6,     189.8,    1259.2,       0.0);         ( 404140.4,
3779732.6,     179.7,    1259.2,       0.0);
     ( 404422.2, 3779732.6,     178.0,    1259.2,       0.0);         ( 404704.0,
3779732.6,     174.6,    1259.2,       0.0);
     ( 399068.0, 3779996.2,     241.1,    1259.2,       0.0);         ( 399349.8,
3779996.2,     236.7,    1259.2,       0.0);
     ( 399631.6, 3779996.2,     233.5,    1259.2,       0.0);         ( 399913.4,
3779996.2,     232.6,    1259.2,       0.0);
     ( 400195.2, 3779996.2,     230.7,    1259.2,       0.0);         ( 400477.0,
3779996.2,     230.3,    1259.2,       0.0);
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     (400758.8, 3779996.2,   247.8,   1259.2,   0.0);   (401040.6, 3779996.2,   241.4,   1259.2,   0.0);
     (401322.4, 3779996.2,   238.5,   1259.2,   0.0);   (401604.2, 3779996.2,   239.3,   1259.2,   0.0);
     (401886.0, 3779996.2,   239.8,   1259.2,   0.0);   (402167.8, 3779996.2,   238.3,   1259.2,   0.0);
     (402449.6, 3779996.2,   231.1,   1259.2,   0.0);   (402731.4, 3779996.2,   227.4,   1259.2,   0.0);
     (403013.2, 3779996.2,   224.2,   1259.2,   0.0);   (403295.0, 3779996.2,   214.5,   1259.2,   0.0);
     (403576.8, 3779996.2,   205.1,   1259.2,   0.0);   (403858.6, 3779996.2,   195.9,   1259.2,   0.0);
     (404140.4, 3779996.2,   188.7,   1259.2,   0.0);   (404422.2, 3779996.2,   184.2,   1259.2,   0.0);
     (404704.0, 3779996.2,   181.1,   1259.2,   0.0);   (399068.0, 3780259.8,   246.5,   1259.2,   0.0);
     (399349.8, 3780259.8,   240.5,   1259.2,   0.0);   (399631.6, 3780259.8,   238.5,   1259.2,   0.0);
     (399913.4, 3780259.8,   237.8,   1259.2,   0.0);   (400195.2, 3780259.8,   239.6,   1259.2,   0.0);
     (400477.0, 3780259.8,   259.7,   1259.2,   0.0);   (400758.8, 3780259.8,   258.4,   1259.2,   0.0);
     (401040.6, 3780259.8,   254.3,   1259.2,   0.0);   (401322.4, 3780259.8,   253.1,   1259.2,   0.0);
     (401604.2, 3780259.8,   253.2,   1259.2,   0.0);   (401886.0, 3780259.8,   252.9,   1259.2,   0.0);
     (402167.8, 3780259.8,   249.8,   1259.2,   0.0);   (402449.6, 3780259.8,   245.3,   1259.2,   0.0);
     (402731.4, 3780259.8,   240.8,   1259.2,   0.0);   (403013.2, 3780259.8,   233.7,   1259.2,   0.0);
     (403295.0, 3780259.8,   224.2,   1259.2,   0.0);   (403576.8, 3780259.8,   213.9,   1259.2,   0.0);
     (403858.6, 3780259.8,   204.3,   1259.2,   0.0);   (404140.4, 3780259.8,   196.0,   1259.2,   0.0);
     (404422.2, 3780259.8,   192.0,   1259.2,   0.0);   (404704.0, 3780259.8,   189.7,   1259.2,   0.0);
     (399068.0, 3780523.3,   252.0,   1259.2,   0.0);   (399349.8, 3780523.3,   246.1,   1259.2,   0.0);

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     ( 399631.6, 3780523.3,     242.3,    1259.2,       0.0);         ( 399913.4,
3780523.3,     243.9,    1259.2,       0.0);
     ( 400195.2, 3780523.3,     253.9,    1259.2,       0.0);         ( 400477.0,
3780523.3,     256.1,    1259.2,       0.0);
     ( 400758.8, 3780523.3,     272.0,    1259.2,       0.0);         ( 401040.6,
3780523.3,     270.1,    1259.2,       0.0);
     ( 401322.4, 3780523.3,     268.8,    1259.2,       0.0);         ( 401604.2,
3780523.3,     269.5,    1259.2,       0.0);
     ( 401886.0, 3780523.3,     268.2,    1259.2,       0.0);         ( 402167.8,
3780523.3,     264.2,    1259.2,       0.0);
     ( 402449.6, 3780523.3,     260.8,    1259.2,       0.0);         ( 402731.4,
3780523.3,     256.4,    1259.2,       0.0);
     ( 403013.2, 3780523.3,     246.9,    1259.2,       0.0);         ( 403295.0,
3780523.3,     235.6,    1259.2,       0.0);
     ( 403576.8, 3780523.3,     224.9,    1259.2,       0.0);         ( 403858.6,
3780523.3,     215.7,    1259.2,       0.0);
     ( 404140.4, 3780523.3,     204.8,    1259.2,       0.0);         ( 404422.2,
3780523.3,     198.5,    1259.2,       0.0);
     ( 404704.0, 3780523.3,     196.3,    1259.2,       0.0);         ( 399068.0,
3780786.9,     256.1,    1259.2,       0.0);
     ( 399349.8, 3780786.9,     252.1,    1259.2,       0.0);         ( 399631.6,
3780786.9,     236.0,    1259.2,       0.0);
     ( 399913.4, 3780786.9,     248.1,    1259.2,       0.0);         ( 400195.2,
3780786.9,     259.7,    1259.2,       0.0);
     ( 400477.0, 3780786.9,     273.5,    1259.2,       0.0);         ( 400758.8,
3780786.9,     287.1,    1259.2,       0.0);
     ( 401040.6, 3780786.9,     287.7,    1259.2,       0.0);         ( 401322.4,
3780786.9,     288.8,    1259.2,       0.0);
     ( 401604.2, 3780786.9,     287.2,    1259.2,       0.0);         ( 401886.0,
3780786.9,     283.2,    1259.2,       0.0);
     ( 402167.8, 3780786.9,     277.7,    1259.2,       0.0);         ( 402449.6,
3780786.9,     276.8,    1259.2,       0.0);
     ( 402731.4, 3780786.9,     270.5,    1259.2,       0.0);         ( 403013.2,
3780786.9,     259.5,    1259.2,       0.0);
     ( 403295.0, 3780786.9,     249.3,    1259.2,       0.0);         ( 403576.8,
3780786.9,     239.7,    1259.2,       0.0);
     ( 403858.6, 3780786.9,     230.5,    1259.2,       0.0);         ( 404140.4,
3780786.9,     215.4,    1259.2,       0.0);
     ( 404422.2, 3780786.9,     207.5,    1259.2,       0.0);         ( 404704.0,
3780786.9,     216.9,    1259.2,       0.0);
     ( 399068.0, 3781050.4,     262.1,    1259.2,       0.0);         ( 399349.8,
3781050.4,     259.3,    1259.2,       0.0);
     ( 399631.6, 3781050.4,     255.6,    1259.2,       0.0);         ( 399913.4,
3781050.4,     248.2,    1259.2,       0.0);
     ( 400195.2, 3781050.4,     267.7,    1259.2,       0.0);         ( 400477.0,
3781050.4,     288.0,    1259.2,       0.0);
     ( 400758.8, 3781050.4,     302.8,    1259.2,       0.0);         ( 401040.6,
3781050.4,     306.9,    1259.2,       0.0);
     ( 401322.4, 3781050.4,     307.8,    1259.2,       0.0);         ( 401604.2,
3781050.4,     304.6,    1259.2,       0.0);
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(401886.0, 3781050.4, 299.2, 1259.2, 0.0); (402167.8, 3781050.4, 293.6, 1259.2, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(402449.6, 3781050.4, 292.8, 1259.2, 0.0); (402731.4, 3781050.4, 285.4, 1259.2, 0.0);
(403013.2, 3781050.4, 277.8, 1259.2, 0.0); (403295.0, 3781050.4, 268.7, 1259.2, 0.0);
(403576.8, 3781050.4, 256.6, 1259.2, 0.0); (403858.6, 3781050.4, 244.0, 1259.2, 0.0);
(404140.4, 3781050.4, 231.4, 1259.2, 0.0); (404422.2, 3781050.4, 226.6, 1259.2, 0.0);
(404704.0, 3781050.4, 239.0, 1259.2, 0.0); (399068.0, 3781314.0, 270.5, 1259.2, 0.0);
(399349.8, 3781314.0, 261.2, 1259.2, 0.0); (399631.6, 3781314.0, 262.7, 1259.2, 0.0);
(399913.4, 3781314.0, 280.4, 1259.2, 0.0); (400195.2, 3781314.0, 312.0, 1259.2, 0.0);
(400477.0, 3781314.0, 303.0, 1259.2, 0.0); (400758.8, 3781314.0, 318.0, 1259.2, 0.0);
(401040.6, 3781314.0, 327.2, 1259.2, 0.0); (401322.4, 3781314.0, 328.7, 1259.2, 0.0);
(401604.2, 3781314.0, 322.4, 1259.2, 0.0); (401886.0, 3781314.0, 315.7, 1259.2, 0.0);
(402167.8, 3781314.0, 312.4, 1259.2, 0.0); (402449.6, 3781314.0, 309.4, 1259.2, 0.0);
(402731.4, 3781314.0, 309.8, 1259.2, 0.0); (403013.2, 3781314.0, 299.5, 1259.2, 0.0);
(403295.0, 3781314.0, 289.5, 1259.2, 0.0); (403576.8, 3781314.0, 273.3, 1259.2, 0.0);
(403858.6, 3781314.0, 259.2, 1259.2, 0.0); (404140.4, 3781314.0, 241.2, 1259.2, 0.0);
(404422.2, 3781314.0, 258.7, 1259.2, 0.0); (404704.0, 3781314.0, 262.4, 1259.2, 0.0);
(399068.0, 3781577.6, 268.9, 1259.2, 0.0); (399349.8, 3781577.6, 261.9, 1259.2, 0.0);
(399631.6, 3781577.6, 281.6, 1259.2, 0.0); (399913.4, 3781577.6, 315.4, 1259.2, 0.0);
(400195.2, 3781577.6, 327.4, 1259.2, 0.0); (400477.0, 3781577.6, 327.6, 1259.2, 0.0);

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    ( 400758.8, 3781577.6,     328.2,    1259.2,       0.0);         ( 401040.6,
3781577.6,     347.9,    1259.2,       0.0);
    ( 401322.4, 3781577.6,     350.8,    1259.2,       0.0);         ( 401604.2,
3781577.6,     341.5,    1259.2,       0.0);
    ( 401886.0, 3781577.6,     336.1,    1259.2,       0.0);         ( 402167.8,
3781577.6,     333.7,    1259.2,       0.0);
    ( 402449.6, 3781577.6,     335.2,    1259.2,       0.0);         ( 402731.4,
3781577.6,     338.1,    1259.2,       0.0);
    ( 403013.2, 3781577.6,     322.6,    1259.2,       0.0);         ( 403295.0,
3781577.6,     310.0,    1259.2,       0.0);
    ( 403576.8, 3781577.6,     299.2,    1259.2,       0.0);         ( 403858.6,
3781577.6,     315.9,    1259.2,       0.0);
    ( 404140.4, 3781577.6,     280.4,    1259.2,       0.0);         ( 404422.2,
3781577.6,     302.4,    1259.2,       0.0);
    ( 404704.0, 3781577.6,     293.7,    1259.2,       0.0);         ( 399068.0,
3781841.1,     271.4,    1259.2,       0.0);
    ( 399349.8, 3781841.1,     280.8,    1259.2,       0.0);         ( 399631.6,
3781841.1,     329.7,    1259.2,       0.0);
    ( 399913.4, 3781841.1,     326.7,    1259.2,       0.0);         ( 400195.2,
3781841.1,     343.9,    1259.2,       0.0);
    ( 400477.0, 3781841.1,     350.2,    1259.2,       0.0);         ( 400758.8,
3781841.1,     333.4,    1259.2,       0.0);
    ( 401040.6, 3781841.1,     368.8,    1259.2,       0.0);         ( 401322.4,
3781841.1,     372.2,    1259.2,       0.0);
    ( 401604.2, 3781841.1,     365.5,    1259.2,       0.0);         ( 402167.8,
3781841.1,     349.2,    1259.2,       0.0);
    ( 402449.6, 3781841.1,     364.0,    1259.2,       0.0);         ( 402731.4,
3781841.1,     361.9,    1259.2,       0.0);
    ( 403013.2, 3781841.1,     380.6,    1259.2,       0.0);         ( 403295.0,
3781841.1,     391.7,    1259.2,       0.0);
    ( 403576.8, 3781841.1,     377.5,    1259.2,       0.0);         ( 403858.6,
3781841.1,     307.1,    1259.2,       0.0);
    ( 404140.4, 3781841.1,     327.9,    1259.2,       0.0);         ( 404422.2,
3781841.1,     365.4,    1259.2,       0.0);
    ( 404704.0, 3781841.1,     354.7,    1259.2,       0.0);         ( 399068.0,
3782104.7,     278.8,    1259.2,       0.0);
    ( 399349.8, 3782104.7,     304.2,    1259.2,       0.0);         ( 399631.6,
3782104.7,     345.7,    1259.2,       0.0);
    ( 399913.4, 3782104.7,     356.2,    1259.2,       0.0);         ( 400195.2,
3782104.7,     367.4,    1259.2,       0.0);
    ( 400477.0, 3782104.7,     376.6,    1259.2,       0.0);         ( 400758.8,
3782104.7,     360.1,    1259.2,       0.0);
    ( 401040.6, 3782104.7,     386.9,    1259.2,       0.0);         ( 401322.4,
3782104.7,     399.1,    1259.2,       0.0);
    ( 401604.2, 3782104.7,     400.7,    1259.2,       0.0);         ( 401886.0,
3782104.7,     425.2,    1259.2,       0.0);
    ( 402167.8, 3782104.7,     385.5,    1259.2,       0.0);         ( 402449.6,
3782104.7,     409.0,    1259.2,       0.0);
    ( 402731.4, 3782104.7,     431.5,    1259.2,       0.0);         ( 403013.2,
3782104.7,     464.2,    1259.2,       0.0);
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(403295.0, 3782104.7, 457.1, 1259.2, 0.0); (403576.8, 3782104.7, 458.8, 1259.2, 0.0);
(403858.6, 3782104.7, 333.7, 1259.2, 0.0); (404140.4, 3782104.7, 439.1, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(404422.2, 3782104.7, 441.3, 1259.2, 0.0); (404704.0, 3782104.7, 420.9, 1259.2, 0.0);
(399068.0, 3782368.2, 290.6, 1259.2, 0.0); (399349.8, 3782368.2, 318.0, 1259.2, 0.0);
(399631.6, 3782368.2, 361.2, 1259.2, 0.0); (399913.4, 3782368.2, 377.8, 1259.2, 0.0);
(400195.2, 3782368.2, 382.5, 1259.2, 0.0); (400477.0, 3782368.2, 402.8, 1259.2, 0.0);
(400758.8, 3782368.2, 399.6, 1259.2, 0.0); (401040.6, 3782368.2, 443.3, 1259.2, 0.0);
(401322.4, 3782368.2, 435.3, 1259.2, 0.0); (401604.2, 3782368.2, 490.2, 1259.2, 0.0);
(401886.0, 3782368.2, 543.6, 1259.2, 0.0); (402167.8, 3782368.2, 439.6, 1259.2, 0.0);
(402449.6, 3782368.2, 515.1, 1259.2, 0.0); (402731.4, 3782368.2, 556.5, 1259.2, 0.0);
(403013.2, 3782368.2, 566.6, 1259.2, 0.0); (403295.0, 3782368.2, 521.0, 1259.2, 0.0);
(403576.8, 3782368.2, 552.2, 1259.2, 0.0); (403858.6, 3782368.2, 429.9, 1259.2, 0.0);
(404140.4, 3782368.2, 492.2, 1259.2, 0.0); (404422.2, 3782368.2, 574.5, 1259.2, 0.0);
(404704.0, 3782368.2, 521.1, 1259.2, 0.0); (399068.0, 3782631.8, 303.9, 1259.2, 0.0);
(399349.8, 3782631.8, 378.8, 1259.2, 0.0); (399631.6, 3782631.8, 362.5, 1259.2, 0.0);
(399913.4, 3782631.8, 414.0, 1259.2, 0.0); (400195.2, 3782631.8, 416.2, 1259.2, 0.0);
(400477.0, 3782631.8, 434.3, 1259.2, 0.0); (400758.8, 3782631.8, 450.8, 1259.2, 0.0);
(401040.6, 3782631.8, 561.9, 1259.2, 0.0); (401322.4, 3782631.8, 597.3, 1259.2, 0.0);
(401604.2, 3782631.8, 542.9, 1259.2, 0.0); (401886.0, 3782631.8, 561.1, 1259.2, 0.0);

```
    ( 402167.8, 3782631.8,     513.9,    1259.2,       0.0);         ( 402449.6,
3782631.8,     679.0,    1259.2,       0.0);
    ( 402731.4, 3782631.8,     702.4,    1259.2,       0.0);         ( 403013.2,
3782631.8,     710.8,    1259.2,       0.0);
    ( 403295.0, 3782631.8,     709.2,    1259.2,       0.0);         ( 403576.8,
3782631.8,     567.6,    1259.2,       0.0);
    ( 403858.6, 3782631.8,     513.7,    1259.2,       0.0);         ( 404140.4,
3782631.8,     572.1,    1259.2,       0.0);
    ( 404422.2, 3782631.8,     698.4,    1259.2,       0.0);         ( 404704.0,
3782631.8,     621.0,    1259.2,       0.0);
    ( 399068.0, 3782895.4,     322.3,    1259.2,       0.0);         ( 399349.8,
3782895.4,     353.4,    1259.2,       0.0);
    ( 399631.6, 3782895.4,     430.7,    1259.2,       0.0);         ( 399913.4,
3782895.4,     406.0,    1259.2,       0.0);
    ( 400195.2, 3782895.4,     457.5,    1259.2,       0.0);         ( 400477.0,
3782895.4,     462.6,    1259.2,       0.0);
    ( 400758.8, 3782895.4,     582.4,    1259.2,       0.0);         ( 401040.6,
3782895.4,     565.6,    1259.2,       0.0);
    ( 401322.4, 3782895.4,     655.6,    1259.2,       0.0);         ( 401604.2,
3782895.4,     594.1,    1259.2,       0.0);
    ( 401886.0, 3782895.4,     761.7,    1259.2,       0.0);         ( 402167.8,
3782895.4,     710.6,    1259.2,       0.0);
    ( 402449.6, 3782895.4,     723.7,    1259.2,       0.0);         ( 402731.4,
3782895.4,     766.9,    1259.2,       0.0);
    ( 403013.2, 3782895.4,     827.7,    1259.2,       0.0);         ( 403295.0,
3782895.4,     759.0,    1259.2,       0.0);
    ( 403576.8, 3782895.4,     638.3,    1259.2,       0.0);         ( 403858.6,
3782895.4,     683.0,    1259.2,       0.0);
    ( 404140.4, 3782895.4,     694.1,    1259.2,       0.0);         ( 404422.2,
3782895.4,     745.9,    1259.2,       0.0);
    ( 404704.0, 3782895.4,     713.8,    1259.2,       0.0);         ( 399068.0,
3783158.9,     357.2,    1259.2,       0.0);
    ( 399349.8, 3783158.9,     401.3,    1259.2,       0.0);         ( 399631.6,
3783158.9,     495.4,    1259.2,       0.0);
    ( 399913.4, 3783158.9,     472.5,    1259.2,       0.0);         ( 400195.2,
3783158.9,     507.6,    1259.2,       0.0);
    ( 400477.0, 3783158.9,     546.8,    1259.2,       0.0);         ( 400758.8,
3783158.9,     527.0,    1259.2,       0.0);
    ( 401040.6, 3783158.9,     666.0,    1259.2,       0.0);         ( 401322.4,
3783158.9,     751.8,    1259.2,       0.0);
    ( 401604.2, 3783158.9,     661.6,    1259.2,       0.0);         ( 401886.0,
3783158.9,     809.1,    1259.2,       0.0);
    ( 402167.8, 3783158.9,     835.2,    1259.2,       0.0);         ( 402449.6,
3783158.9,     758.0,    1259.2,       0.0);
    ( 402731.4, 3783158.9,     914.7,    1259.2,       0.0);         ( 403013.2,
3783158.9,     965.5,    1259.2,       0.0);
    ( 403295.0, 3783158.9,     795.5,    1259.2,       0.0);         ( 403576.8,
3783158.9,     651.4,    1259.2,       0.0);
    ( 403858.6, 3783158.9,     758.8,    1259.2,       0.0);         ( 404140.4,
3783158.9,     837.1,    1259.2,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(400195.2, 3783422.5, 642.9, 1259.2, 0.0); (400477.0, 3783422.5, 641.7, 1259.2, 0.0);
(400758.8, 3783422.5, 635.7, 1259.2, 0.0); (401040.6, 3783422.5, 714.7, 1259.2, 0.0);
(401322.4, 3783422.5, 858.1, 1259.2, 0.0); (401604.2, 3783422.5, 792.1, 1259.2, 0.0);
(401886.0, 3783422.5, 815.6, 1259.2, 0.0); (402167.8, 3783422.5, 856.6, 1259.2, 0.0);
(402449.6, 3783422.5, 867.6, 1259.2, 0.0); (402731.4, 3783422.5, 867.2, 1259.2, 0.0);
(403013.2, 3783422.5, 988.7, 1259.2, 0.0); (403295.0, 3783422.5, 829.4, 1259.2, 0.0);
(403576.8, 3783422.5, 667.0, 1259.2, 0.0); (403858.6, 3783422.5, 680.9, 1259.2, 0.0);
(404140.4, 3783422.5, 812.1, 1259.2, 0.0); (404422.2, 3783422.5, 941.5, 1259.2, 0.0);
(404704.0, 3783422.5, 982.2, 1151.1, 0.0); (399068.0, 3783686.0, 525.0, 1259.2, 0.0);
(399349.8, 3783686.0, 566.3, 1259.2, 0.0); (399631.6, 3783686.0, 664.4, 1259.2, 0.0);
(399913.4, 3783686.0, 709.5, 1259.2, 0.0); (400195.2, 3783686.0, 765.5, 1259.2, 0.0);
(400477.0, 3783686.0, 772.1, 1259.2, 0.0); (400758.8, 3783686.0, 733.2, 1259.2, 0.0);
(401040.6, 3783686.0, 733.8, 1259.2, 0.0); (401322.4, 3783686.0, 885.4, 1259.2, 0.0);
(401604.2, 3783686.0, 930.8, 1259.2, 0.0); (401886.0, 3783686.0, 961.9, 1259.2, 0.0);
(402167.8, 3783686.0, 978.2, 1259.2, 0.0); (402449.6, 3783686.0, 978.0, 1259.2, 0.0);
(402731.4, 3783686.0, 1019.6, 1259.2, 0.0); (403013.2, 3783686.0, 1067.8, 1259.2, 0.0);

```
     ( 403295.0, 3783686.0,     931.8,    1259.2,       0.0);         ( 403576.8,
3783686.0,     815.2,    1259.2,       0.0);
     ( 403858.6, 3783686.0,     707.7,    1259.2,       0.0);         ( 404140.4,
3783686.0,     805.1,    1259.2,       0.0);
     ( 404422.2, 3783686.0,     901.9,    1259.2,       0.0);         ( 404704.0,
3783686.0,    1035.3,    1151.1,       0.0);
     ( 399068.0, 3783949.6,     597.9,    1259.2,       0.0);         ( 399349.8,
3783949.6,     730.2,    1259.2,       0.0);
     ( 399631.6, 3783949.6,     730.6,    1259.2,       0.0);         ( 399913.4,
3783949.6,     799.2,    1259.2,       0.0);
     ( 400195.2, 3783949.6,     884.8,    1259.2,       0.0);         ( 400477.0,
3783949.6,     877.2,    1259.2,       0.0);
     ( 400758.8, 3783949.6,     881.3,    1259.2,       0.0);         ( 401040.6,
3783949.6,     765.8,    1259.2,       0.0);
     ( 401322.4, 3783949.6,     830.1,    1259.2,       0.0);         ( 401604.2,
3783949.6,     950.6,    1259.2,       0.0);
     ( 401886.0, 3783949.6,    1045.6,    1259.2,       0.0);         ( 402167.8,
3783949.6,    1084.9,    1259.2,       0.0);
     ( 402449.6, 3783949.6,    1040.0,    1259.2,       0.0);         ( 402731.4,
3783949.6,    1101.5,    1259.2,       0.0);
     ( 403013.2, 3783949.6,     963.1,    1259.2,       0.0);         ( 403295.0,
3783949.6,     903.3,    1259.2,       0.0);
     ( 403576.8, 3783949.6,     786.0,    1259.2,       0.0);         ( 403858.6,
3783949.6,     825.2,    1259.2,       0.0);
     ( 404140.4, 3783949.6,     862.3,    1259.2,       0.0);         ( 404422.2,
3783949.6,    1023.5,    1151.1,       0.0);
     ( 404704.0, 3783949.6,    1058.5,    1151.1,       0.0);         ( 399068.0,
3784213.2,     779.3,    1259.2,       0.0);
     ( 399349.8, 3784213.2,     782.9,    1259.2,       0.0);         ( 399631.6,
3784213.2,     774.2,    1259.2,       0.0);
     ( 399913.4, 3784213.2,     839.5,    1259.2,       0.0);         ( 400195.2,
3784213.2,     973.5,    1259.2,       0.0);
     ( 400477.0, 3784213.2,    1015.8,    1259.2,       0.0);         ( 400758.8,
3784213.2,    1032.2,    1259.2,       0.0);
     ( 401040.6, 3784213.2,     911.7,    1259.2,       0.0);         ( 401322.4,
3784213.2,     822.4,    1259.2,       0.0);
     ( 401604.2, 3784213.2,     930.1,    1259.2,       0.0);         ( 401886.0,
3784213.2,    1091.2,    1259.2,       0.0);
     ( 402167.8, 3784213.2,    1217.7,    1259.2,       0.0);         ( 402449.6,
3784213.2,    1143.4,    1259.2,       0.0);
     ( 402731.4, 3784213.2,     992.7,    1259.2,       0.0);         ( 403013.2,
3784213.2,     923.3,    1259.2,       0.0);
     ( 403295.0, 3784213.2,     850.5,    1259.2,       0.0);         ( 403576.8,
3784213.2,     866.4,    1259.2,       0.0);
     ( 403858.6, 3784213.2,     980.4,    1259.2,       0.0);         ( 404140.4,
3784213.2,    1042.8,    1151.1,       0.0);
     ( 404422.2, 3784213.2,    1131.9,    1151.1,       0.0);         ( 404704.0,
3784213.2,    1047.1,    1151.1,       0.0);
     ( 401308.9, 3781008.8,     304.9,    1259.2,       0.0);         ( 401328.9,
3781008.8,     304.6,    1259.2,       0.0);
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(401348.9, 3781008.8, 304.6, 1259.2, 0.0); (401368.9, 3781008.8, 304.8, 1259.2, 0.0);
(401388.9, 3781008.8, 304.0, 1259.2, 0.0); (401408.9, 3781008.8, 302.8, 1259.2, 0.0);
(401428.9, 3781008.8, 303.3, 1259.2, 0.0); (401448.9, 3781008.8, 303.7, 1259.2, 0.0);
(401468.9, 3781008.8, 303.1, 1259.2, 0.0); (401488.9, 3781008.8, 302.7, 1259.2, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401508.9, 3781008.8, 302.7, 1259.2, 0.0); (401528.9, 3781008.8, 302.2, 1259.2, 0.0);
(401548.9, 3781008.8, 301.7, 1259.2, 0.0); (401568.9, 3781008.8, 301.5, 1259.2, 0.0);
(401588.9, 3781008.8, 301.2, 1259.2, 0.0); (401608.9, 3781008.8, 301.7, 1259.2, 0.0);
(401628.9, 3781008.8, 301.8, 1259.2, 0.0); (401648.9, 3781008.8, 301.5, 1259.2, 0.0);
(401668.9, 3781008.8, 301.4, 1259.2, 0.0); (401688.9, 3781008.8, 300.9, 1259.2, 0.0);
(401708.9, 3781008.8, 300.0, 1259.2, 0.0); (401728.9, 3781008.8, 299.4, 1259.2, 0.0);
(401748.9, 3781008.8, 298.8, 1259.2, 0.0); (401768.9, 3781008.8, 298.1, 1259.2, 0.0);
(401788.9, 3781008.8, 297.7, 1259.2, 0.0); (401808.9, 3781008.8, 297.2, 1259.2, 0.0);
(401828.9, 3781008.8, 297.2, 1259.2, 0.0); (401848.9, 3781008.8, 297.2, 1259.2, 0.0);
(401868.9, 3781008.8, 296.6, 1259.2, 0.0); (401888.9, 3781008.8, 296.3, 1259.2, 0.0);
(401908.9, 3781008.8, 296.0, 1259.2, 0.0); (401928.9, 3781008.8, 295.6, 1259.2, 0.0);
(401948.9, 3781008.8, 295.1, 1259.2, 0.0); (401968.9, 3781008.8, 294.7, 1259.2, 0.0);
(401988.9, 3781008.8, 294.2, 1259.2, 0.0); (402008.9, 3781008.8, 293.8, 1259.2, 0.0);
(402028.9, 3781008.8, 292.5, 1259.2, 0.0); (402048.9, 3781008.8, 292.6, 1259.2, 0.0);
(402068.9, 3781008.8, 292.4, 1259.2, 0.0); (402088.9, 3781008.8, 291.8, 1259.2, 0.0);

```
     ( 402108.9, 3781008.8,     291.8,    1259.2,       0.0);         ( 402128.9,
3781008.8,     291.4,    1259.2,       0.0);
     ( 402148.9, 3781008.8,     290.9,    1259.2,       0.0);         ( 402168.9,
3781008.8,     290.1,    1259.2,       0.0);
     ( 402188.9, 3781008.8,     290.0,    1259.2,       0.0);         ( 402208.9,
3781008.8,     290.2,    1259.2,       0.0);
     ( 402228.9, 3781008.8,     290.8,    1259.2,       0.0);         ( 402248.9,
3781008.8,     291.0,    1259.2,       0.0);
     ( 402268.9, 3781008.8,     290.8,    1259.2,       0.0);         ( 402288.9,
3781008.8,     290.7,    1259.2,       0.0);
     ( 402308.9, 3781008.8,     290.3,    1259.2,       0.0);         ( 402328.9,
3781008.8,     290.7,    1259.2,       0.0);
     ( 402348.9, 3781008.8,     290.4,    1259.2,       0.0);         ( 402368.9,
3781008.8,     290.5,    1259.2,       0.0);
     ( 402388.9, 3781008.8,     290.6,    1259.2,       0.0);         ( 402408.9,
3781008.8,     290.5,    1259.2,       0.0);
     ( 402428.9, 3781008.8,     290.6,    1259.2,       0.0);         ( 402448.9,
3781008.8,     290.4,    1259.2,       0.0);
     ( 402468.9, 3781008.8,     290.2,    1259.2,       0.0);         ( 402488.9,
3781008.8,     290.1,    1259.2,       0.0);
     ( 402508.9, 3781008.8,     289.4,    1259.2,       0.0);         ( 401308.9,
3781028.8,     306.7,    1259.2,       0.0);
     ( 401328.9, 3781028.8,     306.1,    1259.2,       0.0);         ( 401348.9,
3781028.8,     306.4,    1259.2,       0.0);
     ( 401368.9, 3781028.8,     306.0,    1259.2,       0.0);         ( 401388.9,
3781028.8,     305.0,    1259.2,       0.0);
     ( 401408.9, 3781028.8,     306.2,    1259.2,       0.0);         ( 401428.9,
3781028.8,     305.4,    1259.2,       0.0);
     ( 401448.9, 3781028.8,     304.9,    1259.2,       0.0);         ( 401468.9,
3781028.8,     305.1,    1259.2,       0.0);
     ( 401488.9, 3781028.8,     304.1,    1259.2,       0.0);         ( 401508.9,
3781028.8,     303.6,    1259.2,       0.0);
     ( 401528.9, 3781028.8,     303.4,    1259.2,       0.0);         ( 401548.9,
3781028.8,     303.0,    1259.2,       0.0);
     ( 401568.9, 3781028.8,     302.7,    1259.2,       0.0);         ( 401588.9,
3781028.8,     302.3,    1259.2,       0.0);
     ( 401608.9, 3781028.8,     302.5,    1259.2,       0.0);         ( 401628.9,
3781028.8,     303.1,    1259.2,       0.0);
     ( 401648.9, 3781028.8,     302.8,    1259.2,       0.0);         ( 401668.9,
3781028.8,     302.4,    1259.2,       0.0);
     ( 401688.9, 3781028.8,     302.0,    1259.2,       0.0);         ( 401708.9,
3781028.8,     301.2,    1259.2,       0.0);
     ( 401728.9, 3781028.8,     300.7,    1259.2,       0.0);         ( 401748.9,
3781028.8,     300.1,    1259.2,       0.0);
     ( 401768.9, 3781028.8,     299.3,    1259.2,       0.0);         ( 401788.9,
3781028.8,     298.9,    1259.2,       0.0);
     ( 401808.9, 3781028.8,     298.4,    1259.2,       0.0);         ( 401828.9,
3781028.8,     298.5,    1259.2,       0.0);
     ( 401848.9, 3781028.8,     298.6,    1259.2,       0.0);         ( 401868.9,
3781028.8,     297.8,    1259.2,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(402088.9, 3781028.8, 293.3, 1259.2, 0.0); (402108.9, 3781028.8, 292.6, 1259.2, 0.0);
(402128.9, 3781028.8, 292.3, 1259.2, 0.0); (402148.9, 3781028.8, 292.1, 1259.2, 0.0);
(402168.9, 3781028.8, 291.2, 1259.2, 0.0); (402188.9, 3781028.8, 291.3, 1259.2, 0.0);
(402208.9, 3781028.8, 291.6, 1259.2, 0.0); (402228.9, 3781028.8, 292.3, 1259.2, 0.0);
(402248.9, 3781028.8, 292.4, 1259.2, 0.0); (402268.9, 3781028.8, 292.3, 1259.2, 0.0);
(402288.9, 3781028.8, 292.3, 1259.2, 0.0); (402308.9, 3781028.8, 291.8, 1259.2, 0.0);
(402328.9, 3781028.8, 292.2, 1259.2, 0.0); (402348.9, 3781028.8, 291.7, 1259.2, 0.0);
(402368.9, 3781028.8, 291.8, 1259.2, 0.0); (402388.9, 3781028.8, 292.0, 1259.2, 0.0);
(402408.9, 3781028.8, 291.9, 1259.2, 0.0); (402428.9, 3781028.8, 291.7, 1259.2, 0.0);
(402448.9, 3781028.8, 291.3, 1259.2, 0.0); (402468.9, 3781028.8, 291.4, 1259.2, 0.0);
(402488.9, 3781028.8, 291.1, 1259.2, 0.0); (402508.9, 3781028.8, 290.7, 1259.2, 0.0);
(401308.9, 3781048.8, 307.9, 1259.2, 0.0); (401328.9, 3781048.8, 307.8, 1259.2, 0.0);
(401348.9, 3781048.8, 307.6, 1259.2, 0.0); (401368.9, 3781048.8, 307.2, 1259.2, 0.0);
(401388.9, 3781048.8, 306.8, 1259.2, 0.0); (401408.9, 3781048.8, 307.0, 1259.2, 0.0);

```
     ( 401428.9, 3781048.8,     306.9,    1259.2,       0.0);         ( 401448.9,
3781048.8,     306.8,    1259.2,       0.0);
     ( 401468.9, 3781048.8,     306.1,    1259.2,       0.0);         ( 401488.9,
3781048.8,     305.4,    1259.2,       0.0);
     ( 401508.9, 3781048.8,     305.9,    1259.2,       0.0);         ( 401528.9,
3781048.8,     305.2,    1259.2,       0.0);
     ( 401548.9, 3781048.8,     304.4,    1259.2,       0.0);         ( 401568.9,
3781048.8,     303.9,    1259.2,       0.0);
     ( 401588.9, 3781048.8,     303.7,    1259.2,       0.0);         ( 401608.9,
3781048.8,     304.6,    1259.2,       0.0);
     ( 401628.9, 3781048.8,     305.1,    1259.2,       0.0);         ( 401648.9,
3781048.8,     304.9,    1259.2,       0.0);
     ( 401668.9, 3781048.8,     304.1,    1259.2,       0.0);         ( 401688.9,
3781048.8,     303.0,    1259.2,       0.0);
     ( 401708.9, 3781048.8,     302.5,    1259.2,       0.0);         ( 401728.9,
3781048.8,     301.9,    1259.2,       0.0);
     ( 401748.9, 3781048.8,     301.3,    1259.2,       0.0);         ( 401768.9,
3781048.8,     300.6,    1259.2,       0.0);
     ( 401788.9, 3781048.8,     300.2,    1259.2,       0.0);         ( 401808.9,
3781048.8,     299.6,    1259.2,       0.0);
     ( 401828.9, 3781048.8,     299.8,    1259.2,       0.0);         ( 401848.9,
3781048.8,     299.7,    1259.2,       0.0);
     ( 401868.9, 3781048.8,     299.1,    1259.2,       0.0);         ( 401888.9,
3781048.8,     299.0,    1259.2,       0.0);
     ( 401908.9, 3781048.8,     298.4,    1259.2,       0.0);         ( 401928.9,
3781048.8,     298.2,    1259.2,       0.0);
     ( 401948.9, 3781048.8,     297.9,    1259.2,       0.0);         ( 401968.9,
3781048.8,     297.1,    1259.2,       0.0);
     ( 401988.9, 3781048.8,     296.7,    1259.2,       0.0);         ( 402008.9,
3781048.8,     295.9,    1259.2,       0.0);
     ( 402028.9, 3781048.8,     294.5,    1259.2,       0.0);         ( 402048.9,
3781048.8,     294.9,    1259.2,       0.0);
     ( 402068.9, 3781048.8,     294.6,    1259.2,       0.0);         ( 402088.9,
3781048.8,     294.4,    1259.2,       0.0);
     ( 402108.9, 3781048.8,     293.6,    1259.2,       0.0);         ( 402128.9,
3781048.8,     293.6,    1259.2,       0.0);
     ( 402148.9, 3781048.8,     293.2,    1259.2,       0.0);         ( 402168.9,
3781048.8,     293.6,    1259.2,       0.0);
     ( 402188.9, 3781048.8,     293.2,    1259.2,       0.0);         ( 402208.9,
3781048.8,     292.9,    1259.2,       0.0);
     ( 402228.9, 3781048.8,     293.6,    1259.2,       0.0);         ( 402248.9,
3781048.8,     293.7,    1259.2,       0.0);
     ( 402268.9, 3781048.8,     293.6,    1259.2,       0.0);         ( 402288.9,
3781048.8,     293.7,    1259.2,       0.0);
     ( 402308.9, 3781048.8,     293.0,    1259.2,       0.0);         ( 402328.9,
3781048.8,     292.9,    1259.2,       0.0);
     ( 402348.9, 3781048.8,     293.0,    1259.2,       0.0);         ( 402368.9,
3781048.8,     292.9,    1259.2,       0.0);
     ( 402388.9, 3781048.8,     293.1,    1259.2,       0.0);         ( 402408.9,
3781048.8,     292.9,    1259.2,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401448.9, 3781068.8, 308.1, 1259.2, 0.0); (401468.9, 3781068.8, 307.3, 1259.2, 0.0);
(401488.9, 3781068.8, 307.3, 1259.2, 0.0); (401508.9, 3781068.8, 307.1, 1259.2, 0.0);
(401528.9, 3781068.8, 307.0, 1259.2, 0.0); (401548.9, 3781068.8, 305.8, 1259.2, 0.0);
(401568.9, 3781068.8, 305.5, 1259.2, 0.0); (401588.9, 3781068.8, 305.2, 1259.2, 0.0);
(401608.9, 3781068.8, 305.9, 1259.2, 0.0); (401628.9, 3781068.8, 306.4, 1259.2, 0.0);
(401648.9, 3781068.8, 306.4, 1259.2, 0.0); (401668.9, 3781068.8, 306.2, 1259.2, 0.0);
(401688.9, 3781068.8, 304.8, 1259.2, 0.0); (401708.9, 3781068.8, 303.8, 1259.2, 0.0);
(401728.9, 3781068.8, 303.4, 1259.2, 0.0); (401748.9, 3781068.8, 302.5, 1259.2, 0.0);
(401768.9, 3781068.8, 301.8, 1259.2, 0.0); (401788.9, 3781068.8, 301.3, 1259.2, 0.0);
(401808.9, 3781068.8, 301.3, 1259.2, 0.0); (401828.9, 3781068.8, 301.2, 1259.2, 0.0);
(401848.9, 3781068.8, 301.1, 1259.2, 0.0); (401868.9, 3781068.8, 300.4, 1259.2, 0.0);
(401888.9, 3781068.8, 300.3, 1259.2, 0.0); (401908.9, 3781068.8, 299.5, 1259.2, 0.0);
(401928.9, 3781068.8, 299.3, 1259.2, 0.0); (401948.9, 3781068.8, 299.2, 1259.2, 0.0);

```
     ( 401968.9, 3781068.8,     299.0,    1259.2,       0.0);         ( 401988.9,
3781068.8,     298.2,    1259.2,       0.0);
     ( 402008.9, 3781068.8,     297.8,    1259.2,       0.0);         ( 402028.9,
3781068.8,     295.7,    1259.2,       0.0);
     ( 402048.9, 3781068.8,     296.4,    1259.2,       0.0);         ( 402068.9,
3781068.8,     296.2,    1259.2,       0.0);
     ( 402088.9, 3781068.8,     295.9,    1259.2,       0.0);         ( 402108.9,
3781068.8,     294.9,    1259.2,       0.0);
     ( 402128.9, 3781068.8,     294.9,    1259.2,       0.0);         ( 402148.9,
3781068.8,     294.7,    1259.2,       0.0);
     ( 402168.9, 3781068.8,     294.1,    1259.2,       0.0);         ( 402188.9,
3781068.8,     294.1,    1259.2,       0.0);
     ( 402208.9, 3781068.8,     294.2,    1259.2,       0.0);         ( 402228.9,
3781068.8,     294.6,    1259.2,       0.0);
     ( 402248.9, 3781068.8,     294.7,    1259.2,       0.0);         ( 402268.9,
3781068.8,     294.8,    1259.2,       0.0);
     ( 402288.9, 3781068.8,     294.6,    1259.2,       0.0);         ( 402308.9,
3781068.8,     294.3,    1259.2,       0.0);
     ( 402328.9, 3781068.8,     294.0,    1259.2,       0.0);         ( 402348.9,
3781068.8,     294.0,    1259.2,       0.0);
     ( 402368.9, 3781068.8,     294.5,    1259.2,       0.0);         ( 402388.9,
3781068.8,     294.7,    1259.2,       0.0);
     ( 402408.9, 3781068.8,     294.6,    1259.2,       0.0);         ( 402428.9,
3781068.8,     294.5,    1259.2,       0.0);
     ( 402448.9, 3781068.8,     294.2,    1259.2,       0.0);         ( 402468.9,
3781068.8,     293.7,    1259.2,       0.0);
     ( 402488.9, 3781068.8,     293.3,    1259.2,       0.0);         ( 402508.9,
3781068.8,     293.0,    1259.2,       0.0);
     ( 401308.9, 3781088.8,     311.5,    1259.2,       0.0);         ( 401328.9,
3781088.8,     310.6,    1259.2,       0.0);
     ( 401348.9, 3781088.8,     310.4,    1259.2,       0.0);         ( 401368.9,
3781088.8,     309.9,    1259.2,       0.0);
     ( 401388.9, 3781088.8,     310.3,    1259.2,       0.0);         ( 401408.9,
3781088.8,     309.8,    1259.2,       0.0);
     ( 401428.9, 3781088.8,     310.3,    1259.2,       0.0);         ( 401448.9,
3781088.8,     309.5,    1259.2,       0.0);
     ( 401468.9, 3781088.8,     308.7,    1259.2,       0.0);         ( 401488.9,
3781088.8,     309.0,    1259.2,       0.0);
     ( 401508.9, 3781088.8,     308.2,    1259.2,       0.0);         ( 401528.9,
3781088.8,     308.0,    1259.2,       0.0);
     ( 401548.9, 3781088.8,     307.2,    1259.2,       0.0);         ( 401568.9,
3781088.8,     307.2,    1259.2,       0.0);
     ( 401588.9, 3781088.8,     306.8,    1259.2,       0.0);         ( 401608.9,
3781088.8,     307.1,    1259.2,       0.0);
     ( 401628.9, 3781088.8,     306.9,    1259.2,       0.0);         ( 401648.9,
3781088.8,     306.8,    1259.2,       0.0);
     ( 401668.9, 3781088.8,     306.8,    1259.2,       0.0);         ( 401688.9,
3781088.8,     306.6,    1259.2,       0.0);
     ( 401708.9, 3781088.8,     304.9,    1259.2,       0.0);         ( 401728.9,
3781088.8,     304.3,    1259.2,       0.0);
```

(401748.9, 3781088.8, 303.8, 1259.2, 0.0); (401768.9, 3781088.8, 303.1, 1259.2, 0.0);
(401788.9, 3781088.8, 302.6, 1259.2, 0.0); (401808.9, 3781088.8, 302.5, 1259.2, 0.0);
(401828.9, 3781088.8, 302.4, 1259.2, 0.0); (401848.9, 3781088.8, 302.3, 1259.2, 0.0);
(401868.9, 3781088.8, 301.7, 1259.2, 0.0); (401888.9, 3781088.8, 301.5, 1259.2, 0.0);
(401908.9, 3781088.8, 300.9, 1259.2, 0.0); (401928.9, 3781088.8, 300.5, 1259.2, 0.0);
(401948.9, 3781088.8, 300.0, 1259.2, 0.0); (401968.9, 3781088.8, 299.3, 1259.2, 0.0);
(401988.9, 3781088.8, 298.9, 1259.2, 0.0); (402008.9, 3781088.8, 298.3, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(402028.9, 3781088.8, 296.9, 1259.2, 0.0); (402048.9, 3781088.8, 297.4, 1259.2, 0.0);
(402068.9, 3781088.8, 297.8, 1259.2, 0.0); (402088.9, 3781088.8, 296.8, 1259.2, 0.0);
(402108.9, 3781088.8, 296.4, 1259.2, 0.0); (402128.9, 3781088.8, 296.1, 1259.2, 0.0);
(402148.9, 3781088.8, 295.7, 1259.2, 0.0); (402168.9, 3781088.8, 295.0, 1259.2, 0.0);
(402188.9, 3781088.8, 295.2, 1259.2, 0.0); (402208.9, 3781088.8, 295.5, 1259.2, 0.0);
(402228.9, 3781088.8, 295.9, 1259.2, 0.0); (402248.9, 3781088.8, 296.1, 1259.2, 0.0);
(402268.9, 3781088.8, 296.2, 1259.2, 0.0); (402288.9, 3781088.8, 296.2, 1259.2, 0.0);
(402308.9, 3781088.8, 295.7, 1259.2, 0.0); (402328.9, 3781088.8, 295.6, 1259.2, 0.0);
(402348.9, 3781088.8, 295.5, 1259.2, 0.0); (402368.9, 3781088.8, 295.5, 1259.2, 0.0);
(402388.9, 3781088.8, 296.1, 1259.2, 0.0); (402408.9, 3781088.8, 296.0, 1259.2, 0.0);
(402428.9, 3781088.8, 295.9, 1259.2, 0.0); (402448.9, 3781088.8, 295.2, 1259.2, 0.0);
(402468.9, 3781088.8, 294.8, 1259.2, 0.0); (402488.9, 3781088.8, 294.5, 1259.2, 0.0);

```
     ( 402508.9, 3781088.8,     294.2,    1259.2,       0.0);         ( 401308.9,
3781108.8,     313.0,    1259.2,       0.0);
     ( 401328.9, 3781108.8,     312.7,    1259.2,       0.0);         ( 401348.9,
3781108.8,     312.0,    1259.2,       0.0);
     ( 401368.9, 3781108.8,     311.4,    1259.2,       0.0);         ( 401388.9,
3781108.8,     312.0,    1259.2,       0.0);
     ( 401408.9, 3781108.8,     311.4,    1259.2,       0.0);         ( 401428.9,
3781108.8,     311.6,    1259.2,       0.0);
     ( 401448.9, 3781108.8,     310.8,    1259.2,       0.0);         ( 401468.9,
3781108.8,     310.5,    1259.2,       0.0);
     ( 401488.9, 3781108.8,     310.9,    1259.2,       0.0);         ( 401508.9,
3781108.8,     309.8,    1259.2,       0.0);
     ( 401528.9, 3781108.8,     309.5,    1259.2,       0.0);         ( 401548.9,
3781108.8,     308.5,    1259.2,       0.0);
     ( 401568.9, 3781108.8,     308.6,    1259.2,       0.0);         ( 401588.9,
3781108.8,     308.3,    1259.2,       0.0);
     ( 401608.9, 3781108.8,     308.2,    1259.2,       0.0);         ( 401628.9,
3781108.8,     308.2,    1259.2,       0.0);
     ( 401648.9, 3781108.8,     308.3,    1259.2,       0.0);         ( 401668.9,
3781108.8,     308.5,    1259.2,       0.0);
     ( 401688.9, 3781108.8,     308.1,    1259.2,       0.0);         ( 401708.9,
3781108.8,     306.2,    1259.2,       0.0);
     ( 401728.9, 3781108.8,     305.7,    1259.2,       0.0);         ( 401748.9,
3781108.8,     305.1,    1259.2,       0.0);
     ( 401768.9, 3781108.8,     304.4,    1259.2,       0.0);         ( 401788.9,
3781108.8,     304.1,    1259.2,       0.0);
     ( 401808.9, 3781108.8,     304.1,    1259.2,       0.0);         ( 401828.9,
3781108.8,     303.8,    1259.2,       0.0);
     ( 401848.9, 3781108.8,     303.6,    1259.2,       0.0);         ( 401868.9,
3781108.8,     303.0,    1259.2,       0.0);
     ( 401888.9, 3781108.8,     302.9,    1259.2,       0.0);         ( 401908.9,
3781108.8,     302.2,    1259.2,       0.0);
     ( 401928.9, 3781108.8,     301.9,    1259.2,       0.0);         ( 401948.9,
3781108.8,     301.4,    1259.2,       0.0);
     ( 401968.9, 3781108.8,     300.4,    1259.2,       0.0);         ( 401988.9,
3781108.8,     299.1,    1259.2,       0.0);
     ( 402008.9, 3781108.8,     299.1,    1259.2,       0.0);         ( 402028.9,
3781108.8,     298.1,    1259.2,       0.0);
     ( 402048.9, 3781108.8,     298.9,    1259.2,       0.0);         ( 402068.9,
3781108.8,     298.7,    1259.2,       0.0);
     ( 402088.9, 3781108.8,     298.0,    1259.2,       0.0);         ( 402108.9,
3781108.8,     297.7,    1259.2,       0.0);
     ( 402128.9, 3781108.8,     297.6,    1259.2,       0.0);         ( 402148.9,
3781108.8,     297.8,    1259.2,       0.0);
     ( 402168.9, 3781108.8,     296.5,    1259.2,       0.0);         ( 402188.9,
3781108.8,     297.0,    1259.2,       0.0);
     ( 402208.9, 3781108.8,     297.0,    1259.2,       0.0);         ( 402228.9,
3781108.8,     297.4,    1259.2,       0.0);
     ( 402248.9, 3781108.8,     297.5,    1259.2,       0.0);         ( 402268.9,
3781108.8,     297.4,    1259.2,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401388.9, 3781128.8, 313.5, 1259.2, 0.0); (401408.9, 3781128.8, 313.5, 1259.2, 0.0);
(401428.9, 3781128.8, 313.4, 1259.2, 0.0); (401448.9, 3781128.8, 312.3, 1259.2, 0.0);
(401468.9, 3781128.8, 312.0, 1259.2, 0.0); (401488.9, 3781128.8, 312.4, 1259.2, 0.0);
(401508.9, 3781128.8, 311.8, 1259.2, 0.0); (401528.9, 3781128.8, 311.5, 1259.2, 0.0);
(401548.9, 3781128.8, 309.9, 1259.2, 0.0); (401568.9, 3781128.8, 310.0, 1259.2, 0.0);
(401588.9, 3781128.8, 309.4, 1259.2, 0.0); (401608.9, 3781128.8, 309.5, 1259.2, 0.0);
(401628.9, 3781128.8, 309.3, 1259.2, 0.0); (401648.9, 3781128.8, 309.5, 1259.2, 0.0);
(401668.9, 3781128.8, 309.0, 1259.2, 0.0); (401688.9, 3781128.8, 308.4, 1259.2, 0.0);
(401708.9, 3781128.8, 307.6, 1259.2, 0.0); (401728.9, 3781128.8, 307.1, 1259.2, 0.0);
(401748.9, 3781128.8, 306.6, 1259.2, 0.0); (401768.9, 3781128.8, 306.0, 1259.2, 0.0);
(401788.9, 3781128.8, 305.9, 1259.2, 0.0); (401808.9, 3781128.8, 305.5, 1259.2, 0.0);

```
     ( 401828.9, 3781128.8,     305.2,    1259.2,       0.0);         ( 401848.9,
3781128.8,     305.2,    1259.2,       0.0);
     ( 401868.9, 3781128.8,     304.3,    1259.2,       0.0);         ( 401888.9,
3781128.8,     304.2,    1259.2,       0.0);
     ( 401908.9, 3781128.8,     303.8,    1259.2,       0.0);         ( 401928.9,
3781128.8,     303.1,    1259.2,       0.0);
     ( 401948.9, 3781128.8,     302.6,    1259.2,       0.0);         ( 401968.9,
3781128.8,     301.4,    1259.2,       0.0);
     ( 401988.9, 3781128.8,     300.9,    1259.2,       0.0);         ( 402008.9,
3781128.8,     299.9,    1259.2,       0.0);
     ( 402028.9, 3781128.8,     299.9,    1259.2,       0.0);         ( 402048.9,
3781128.8,     299.8,    1259.2,       0.0);
     ( 402068.9, 3781128.8,     300.1,    1259.2,       0.0);         ( 402088.9,
3781128.8,     299.4,    1259.2,       0.0);
     ( 402108.9, 3781128.8,     298.8,    1259.2,       0.0);         ( 402128.9,
3781128.8,     298.6,    1259.2,       0.0);
     ( 402148.9, 3781128.8,     298.1,    1259.2,       0.0);         ( 402168.9,
3781128.8,     298.2,    1259.2,       0.0);
     ( 402188.9, 3781128.8,     298.5,    1259.2,       0.0);         ( 402208.9,
3781128.8,     298.6,    1259.2,       0.0);
     ( 402228.9, 3781128.8,     298.8,    1259.2,       0.0);         ( 402248.9,
3781128.8,     298.8,    1259.2,       0.0);
     ( 402268.9, 3781128.8,     298.8,    1259.2,       0.0);         ( 402288.9,
3781128.8,     298.5,    1259.2,       0.0);
     ( 402308.9, 3781128.8,     298.3,    1259.2,       0.0);         ( 402328.9,
3781128.8,     298.8,    1259.2,       0.0);
     ( 402348.9, 3781128.8,     298.8,    1259.2,       0.0);         ( 402368.9,
3781128.8,     298.6,    1259.2,       0.0);
     ( 402388.9, 3781128.8,     298.5,    1259.2,       0.0);         ( 402408.9,
3781128.8,     298.7,    1259.2,       0.0);
     ( 402428.9, 3781128.8,     298.1,    1259.2,       0.0);         ( 402448.9,
3781128.8,     298.3,    1259.2,       0.0);
     ( 402468.9, 3781128.8,     297.5,    1259.2,       0.0);         ( 402488.9,
3781128.8,     297.0,    1259.2,       0.0);
     ( 402508.9, 3781128.8,     296.8,    1259.2,       0.0);         ( 401308.9,
3781148.8,     316.0,    1259.2,       0.0);
     ( 401328.9, 3781148.8,     316.1,    1259.2,       0.0);         ( 401348.9,
3781148.8,     316.0,    1259.2,       0.0);
     ( 401368.9, 3781148.8,     314.6,    1259.2,       0.0);         ( 401388.9,
3781148.8,     314.3,    1259.2,       0.0);
     ( 401408.9, 3781148.8,     314.9,    1259.2,       0.0);         ( 401428.9,
3781148.8,     314.6,    1259.2,       0.0);
     ( 401448.9, 3781148.8,     313.9,    1259.2,       0.0);         ( 401468.9,
3781148.8,     313.5,    1259.2,       0.0);
     ( 401488.9, 3781148.8,     314.2,    1259.2,       0.0);         ( 401508.9,
3781148.8,     313.3,    1259.2,       0.0);
     ( 401528.9, 3781148.8,     312.5,    1259.2,       0.0);         ( 401548.9,
3781148.8,     311.2,    1259.2,       0.0);
     ( 401568.9, 3781148.8,     311.2,    1259.2,       0.0);         ( 401588.9,
3781148.8,     311.0,    1259.2,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401968.9, 3781148.8, 302.3, 1259.2, 0.0); (401988.9, 3781148.8, 302.0, 1259.2, 0.0);
(402008.9, 3781148.8, 301.2, 1259.2, 0.0); (402028.9, 3781148.8, 301.1, 1259.2, 0.0);
(402048.9, 3781148.8, 300.8, 1259.2, 0.0); (402068.9, 3781148.8, 300.8, 1259.2, 0.0);
(402088.9, 3781148.8, 300.4, 1259.2, 0.0); (402108.9, 3781148.8, 300.2, 1259.2, 0.0);
(402128.9, 3781148.8, 300.0, 1259.2, 0.0); (402148.9, 3781148.8, 299.8, 1259.2, 0.0);
(402168.9, 3781148.8, 299.7, 1259.2, 0.0); (402188.9, 3781148.8, 299.7, 1259.2, 0.0);
(402208.9, 3781148.8, 299.6, 1259.2, 0.0); (402228.9, 3781148.8, 299.5, 1259.2, 0.0);
(402248.9, 3781148.8, 299.5, 1259.2, 0.0); (402268.9, 3781148.8, 299.4, 1259.2, 0.0);
(402288.9, 3781148.8, 299.3, 1259.2, 0.0); (402308.9, 3781148.8, 299.3, 1259.2, 0.0);
(402328.9, 3781148.8, 299.4, 1259.2, 0.0); (402348.9, 3781148.8, 299.4, 1259.2, 0.0);

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     ( 402368.9, 3781148.8,     299.3,    1259.2,       0.0);         ( 402388.9,
3781148.8,     299.2,    1259.2,       0.0);
     ( 402408.9, 3781148.8,     299.2,    1259.2,       0.0);         ( 402428.9,
3781148.8,     299.1,    1259.2,       0.0);
     ( 402448.9, 3781148.8,     298.9,    1259.2,       0.0);         ( 402468.9,
3781148.8,     298.5,    1259.2,       0.0);
     ( 402488.9, 3781148.8,     298.0,    1259.2,       0.0);         ( 402508.9,
3781148.8,     297.6,    1259.2,       0.0);
     ( 401308.9, 3781168.8,     317.3,    1259.2,       0.0);         ( 401328.9,
3781168.8,     317.3,    1259.2,       0.0);
     ( 401348.9, 3781168.8,     317.3,    1259.2,       0.0);         ( 401368.9,
3781168.8,     316.1,    1259.2,       0.0);
     ( 401388.9, 3781168.8,     316.4,    1259.2,       0.0);         ( 401408.9,
3781168.8,     316.4,    1259.2,       0.0);
     ( 401428.9, 3781168.8,     316.2,    1259.2,       0.0);         ( 401448.9,
3781168.8,     315.3,    1259.2,       0.0);
     ( 401468.9, 3781168.8,     315.1,    1259.2,       0.0);         ( 401488.9,
3781168.8,     315.3,    1259.2,       0.0);
     ( 401508.9, 3781168.8,     314.5,    1259.2,       0.0);         ( 401528.9,
3781168.8,     314.3,    1259.2,       0.0);
     ( 401548.9, 3781168.8,     312.6,    1259.2,       0.0);         ( 401568.9,
3781168.8,     313.0,    1259.2,       0.0);
     ( 401588.9, 3781168.8,     312.9,    1259.2,       0.0);         ( 401608.9,
3781168.8,     312.8,    1259.2,       0.0);
     ( 401628.9, 3781168.8,     312.3,    1259.2,       0.0);         ( 401648.9,
3781168.8,     312.3,    1259.2,       0.0);
     ( 401668.9, 3781168.8,     311.3,    1259.2,       0.0);         ( 401688.9,
3781168.8,     310.6,    1259.2,       0.0);
     ( 401708.9, 3781168.8,     310.2,    1259.2,       0.0);         ( 401728.9,
3781168.8,     309.5,    1259.2,       0.0);
     ( 401748.9, 3781168.8,     309.4,    1259.2,       0.0);         ( 401768.9,
3781168.8,     309.0,    1259.2,       0.0);
     ( 401788.9, 3781168.8,     308.8,    1259.2,       0.0);         ( 401808.9,
3781168.8,     308.5,    1259.2,       0.0);
     ( 401828.9, 3781168.8,     308.1,    1259.2,       0.0);         ( 401848.9,
3781168.8,     308.2,    1259.2,       0.0);
     ( 401868.9, 3781168.8,     306.8,    1259.2,       0.0);         ( 401888.9,
3781168.8,     307.1,    1259.2,       0.0);
     ( 401908.9, 3781168.8,     306.4,    1259.2,       0.0);         ( 401928.9,
3781168.8,     305.4,    1259.2,       0.0);
     ( 401948.9, 3781168.8,     304.9,    1259.2,       0.0);         ( 401968.9,
3781168.8,     304.3,    1259.2,       0.0);
     ( 401988.9, 3781168.8,     303.5,    1259.2,       0.0);         ( 402008.9,
3781168.8,     302.5,    1259.2,       0.0);
     ( 402028.9, 3781168.8,     302.5,    1259.2,       0.0);         ( 402048.9,
3781168.8,     302.4,    1259.2,       0.0);
     ( 402068.9, 3781168.8,     302.4,    1259.2,       0.0);         ( 402088.9,
3781168.8,     302.1,    1259.2,       0.0);
     ( 402108.9, 3781168.8,     302.3,    1259.2,       0.0);         ( 402128.9,
3781168.8,     301.5,    1259.2,       0.0);
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(402148.9, 3781168.8, 301.3, 1259.2, 0.0); (402168.9, 3781168.8, 301.4, 1259.2, 0.0);
(402188.9, 3781168.8, 301.2, 1259.2, 0.0); (402208.9, 3781168.8, 301.0, 1259.2, 0.0);
(402228.9, 3781168.8, 301.5, 1259.2, 0.0); (402248.9, 3781168.8, 301.4, 1259.2, 0.0);
(402268.9, 3781168.8, 301.5, 1259.2, 0.0); (402288.9, 3781168.8, 301.5, 1259.2, 0.0);
(402308.9, 3781168.8, 300.7, 1259.2, 0.0); (402328.9, 3781168.8, 301.4, 1259.2, 0.0);
(402348.9, 3781168.8, 301.5, 1259.2, 0.0); (402368.9, 3781168.8, 301.3, 1259.2, 0.0);
(402388.9, 3781168.8, 301.4, 1259.2, 0.0); (402408.9, 3781168.8, 301.2, 1259.2, 0.0);
(402428.9, 3781168.8, 301.0, 1259.2, 0.0); (402448.9, 3781168.8, 300.4, 1259.2, 0.0);
(402468.9, 3781168.8, 300.4, 1259.2, 0.0); (402488.9, 3781168.8, 298.9, 1259.2, 0.0);
(402508.9, 3781168.8, 299.2, 1259.2, 0.0); (401308.9, 3781188.8, 318.8, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401328.9, 3781188.8, 318.8, 1259.2, 0.0); (401348.9, 3781188.8, 318.7, 1259.2, 0.0);
(401368.9, 3781188.8, 317.7, 1259.2, 0.0); (401388.9, 3781188.8, 317.9, 1259.2, 0.0);
(401408.9, 3781188.8, 317.9, 1259.2, 0.0); (401428.9, 3781188.8, 317.8, 1259.2, 0.0);
(401448.9, 3781188.8, 317.0, 1259.2, 0.0); (401468.9, 3781188.8, 316.5, 1259.2, 0.0);
(401488.9, 3781188.8, 316.7, 1259.2, 0.0); (401508.9, 3781188.8, 315.9, 1259.2, 0.0);
(401528.9, 3781188.8, 315.8, 1259.2, 0.0); (401548.9, 3781188.8, 313.9, 1259.2, 0.0);
(401568.9, 3781188.8, 314.4, 1259.2, 0.0); (401588.9, 3781188.8, 314.2, 1259.2, 0.0);
(401608.9, 3781188.8, 314.0, 1259.2, 0.0); (401628.9, 3781188.8, 314.0, 1259.2, 0.0);
(401648.9, 3781188.8, 313.5, 1259.2, 0.0); (401668.9, 3781188.8, 312.4, 1259.2, 0.0);

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     ( 401688.9, 3781188.8,     311.9,    1259.2,       0.0);         ( 401708.9,
3781188.8,     311.3,    1259.2,       0.0);
     ( 401728.9, 3781188.8,     310.9,    1259.2,       0.0);         ( 401748.9,
3781188.8,     310.7,    1259.2,       0.0);
     ( 401768.9, 3781188.8,     310.2,    1259.2,       0.0);         ( 401788.9,
3781188.8,     310.0,    1259.2,       0.0);
     ( 401808.9, 3781188.8,     309.5,    1259.2,       0.0);         ( 401828.9,
3781188.8,     309.2,    1259.2,       0.0);
     ( 401848.9, 3781188.8,     309.2,    1259.2,       0.0);         ( 401868.9,
3781188.8,     308.1,    1259.2,       0.0);
     ( 401888.9, 3781188.8,     308.2,    1259.2,       0.0);         ( 401908.9,
3781188.8,     307.8,    1259.2,       0.0);
     ( 401928.9, 3781188.8,     306.5,    1259.2,       0.0);         ( 401948.9,
3781188.8,     306.0,    1259.2,       0.0);
     ( 401968.9, 3781188.8,     305.2,    1259.2,       0.0);         ( 401988.9,
3781188.8,     304.6,    1259.2,       0.0);
     ( 402008.9, 3781188.8,     303.3,    1259.2,       0.0);         ( 402028.9,
3781188.8,     303.7,    1259.2,       0.0);
     ( 402048.9, 3781188.8,     304.2,    1259.2,       0.0);         ( 402068.9,
3781188.8,     304.2,    1259.2,       0.0);
     ( 402088.9, 3781188.8,     303.7,    1259.2,       0.0);         ( 402108.9,
3781188.8,     303.5,    1259.2,       0.0);
     ( 402128.9, 3781188.8,     302.7,    1259.2,       0.0);         ( 402148.9,
3781188.8,     302.3,    1259.2,       0.0);
     ( 402168.9, 3781188.8,     302.0,    1259.2,       0.0);         ( 402188.9,
3781188.8,     302.6,    1259.2,       0.0);
     ( 402208.9, 3781188.8,     302.4,    1259.2,       0.0);         ( 402228.9,
3781188.8,     302.8,    1259.2,       0.0);
     ( 402248.9, 3781188.8,     303.0,    1259.2,       0.0);         ( 402268.9,
3781188.8,     303.2,    1259.2,       0.0);
     ( 402288.9, 3781188.8,     302.5,    1259.2,       0.0);         ( 402308.9,
3781188.8,     302.2,    1259.2,       0.0);
     ( 402328.9, 3781188.8,     303.2,    1259.2,       0.0);         ( 402348.9,
3781188.8,     303.2,    1259.2,       0.0);
     ( 402368.9, 3781188.8,     302.9,    1259.2,       0.0);         ( 402388.9,
3781188.8,     302.7,    1259.2,       0.0);
     ( 402408.9, 3781188.8,     302.3,    1259.2,       0.0);         ( 402428.9,
3781188.8,     301.8,    1259.2,       0.0);
     ( 402448.9, 3781188.8,     301.5,    1259.2,       0.0);         ( 402468.9,
3781188.8,     301.3,    1259.2,       0.0);
     ( 402488.9, 3781188.8,     300.0,    1259.2,       0.0);         ( 402508.9,
3781188.8,     300.0,    1259.2,       0.0);
     ( 401308.9, 3781208.8,     320.5,    1259.2,       0.0);         ( 401328.9,
3781208.8,     320.3,    1259.2,       0.0);
     ( 401348.9, 3781208.8,     320.3,    1259.2,       0.0);         ( 401368.9,
3781208.8,     319.3,    1259.2,       0.0);
     ( 401388.9, 3781208.8,     319.4,    1259.2,       0.0);         ( 401408.9,
3781208.8,     319.3,    1259.2,       0.0);
     ( 401428.9, 3781208.8,     319.1,    1259.2,       0.0);         ( 401448.9,
3781208.8,     318.6,    1259.2,       0.0);
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(401468.9, 3781208.8, 318.3, 1259.2, 0.0); (401488.9, 3781208.8, 318.0, 1259.2, 0.0);
(401508.9, 3781208.8, 317.4, 1259.2, 0.0); (401528.9, 3781208.8, 317.2, 1259.2, 0.0);
(401548.9, 3781208.8, 315.4, 1259.2, 0.0); (401568.9, 3781208.8, 315.5, 1259.2, 0.0);
(401588.9, 3781208.8, 315.5, 1259.2, 0.0); (401608.9, 3781208.8, 315.7, 1259.2, 0.0);
(401628.9, 3781208.8, 315.3, 1259.2, 0.0); (401648.9, 3781208.8, 314.5, 1259.2, 0.0);
(401668.9, 3781208.8, 313.7, 1259.2, 0.0); (401688.9, 3781208.8, 313.0, 1259.2, 0.0);
(401708.9, 3781208.8, 312.6, 1259.2, 0.0); (401728.9, 3781208.8, 312.3, 1259.2, 0.0);
(401748.9, 3781208.8, 312.2, 1259.2, 0.0); (401768.9, 3781208.8, 311.6, 1259.2, 0.0);
(401788.9, 3781208.8, 311.3, 1259.2, 0.0); (401808.9, 3781208.8, 311.2, 1259.2, 0.0);
(401828.9, 3781208.8, 310.5, 1259.2, 0.0); (401848.9, 3781208.8, 310.2, 1259.2, 0.0);
(401868.9, 3781208.8, 309.0, 1259.2, 0.0); (401888.9, 3781208.8, 309.0, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401908.9, 3781208.8, 308.8, 1259.2, 0.0); (401928.9, 3781208.8, 308.0, 1259.2, 0.0);
(401948.9, 3781208.8, 307.3, 1259.2, 0.0); (401968.9, 3781208.8, 306.7, 1259.2, 0.0);
(401988.9, 3781208.8, 305.3, 1259.2, 0.0); (402008.9, 3781208.8, 304.1, 1259.2, 0.0);
(402028.9, 3781208.8, 305.0, 1259.2, 0.0); (402048.9, 3781208.8, 305.6, 1259.2, 0.0);
(402068.9, 3781208.8, 305.7, 1259.2, 0.0); (402088.9, 3781208.8, 305.0, 1259.2, 0.0);
(402108.9, 3781208.8, 304.9, 1259.2, 0.0); (402128.9, 3781208.8, 304.5, 1259.2, 0.0);
(402148.9, 3781208.8, 303.9, 1259.2, 0.0); (402168.9, 3781208.8, 304.3, 1259.2, 0.0);
(402188.9, 3781208.8, 304.2, 1259.2, 0.0); (402208.9, 3781208.8, 304.1, 1259.2, 0.0);

```
     ( 402228.9, 3781208.8,     304.2,    1259.2,       0.0);         ( 402248.9,
3781208.8,     304.2,    1259.2,       0.0);
     ( 402268.9, 3781208.8,     304.3,    1259.2,       0.0);         ( 402288.9,
3781208.8,     304.2,    1259.2,       0.0);
     ( 402308.9, 3781208.8,     303.7,    1259.2,       0.0);         ( 402328.9,
3781208.8,     304.3,    1259.2,       0.0);
     ( 402348.9, 3781208.8,     304.7,    1259.2,       0.0);         ( 402368.9,
3781208.8,     304.8,    1259.2,       0.0);
     ( 402388.9, 3781208.8,     304.4,    1259.2,       0.0);         ( 402408.9,
3781208.8,     303.9,    1259.2,       0.0);
     ( 402428.9, 3781208.8,     303.2,    1259.2,       0.0);         ( 402448.9,
3781208.8,     302.6,    1259.2,       0.0);
     ( 402468.9, 3781208.8,     302.1,    1259.2,       0.0);         ( 402488.9,
3781208.8,     300.9,    1259.2,       0.0);
     ( 402508.9, 3781208.8,     300.6,    1259.2,       0.0);         ( 401308.9,
3781228.8,     322.1,    1259.2,       0.0);
     ( 401328.9, 3781228.8,     321.9,    1259.2,       0.0);         ( 401348.9,
3781228.8,     321.9,    1259.2,       0.0);
     ( 401368.9, 3781228.8,     321.1,    1259.2,       0.0);         ( 401388.9,
3781228.8,     321.1,    1259.2,       0.0);
     ( 401408.9, 3781228.8,     321.1,    1259.2,       0.0);         ( 401428.9,
3781228.8,     320.9,    1259.2,       0.0);
     ( 401448.9, 3781228.8,     320.2,    1259.2,       0.0);         ( 401468.9,
3781228.8,     319.7,    1259.2,       0.0);
     ( 401488.9, 3781228.8,     319.5,    1259.2,       0.0);         ( 401508.9,
3781228.8,     319.0,    1259.2,       0.0);
     ( 401528.9, 3781228.8,     318.7,    1259.2,       0.0);         ( 401548.9,
3781228.8,     316.8,    1259.2,       0.0);
     ( 401568.9, 3781228.8,     316.5,    1259.2,       0.0);         ( 401588.9,
3781228.8,     316.7,    1259.2,       0.0);
     ( 401608.9, 3781228.8,     316.8,    1259.2,       0.0);         ( 401628.9,
3781228.8,     316.6,    1259.2,       0.0);
     ( 401648.9, 3781228.8,     315.9,    1259.2,       0.0);         ( 401668.9,
3781228.8,     315.1,    1259.2,       0.0);
     ( 401688.9, 3781228.8,     314.2,    1259.2,       0.0);         ( 401708.9,
3781228.8,     314.1,    1259.2,       0.0);
     ( 401728.9, 3781228.8,     313.9,    1259.2,       0.0);         ( 401748.9,
3781228.8,     313.4,    1259.2,       0.0);
     ( 401768.9, 3781228.8,     312.9,    1259.2,       0.0);         ( 401788.9,
3781228.8,     312.8,    1259.2,       0.0);
     ( 401808.9, 3781228.8,     312.1,    1259.2,       0.0);         ( 401828.9,
3781228.8,     311.8,    1259.2,       0.0);
     ( 401848.9, 3781228.8,     311.4,    1259.2,       0.0);         ( 401868.9,
3781228.8,     310.4,    1259.2,       0.0);
     ( 401888.9, 3781228.8,     310.0,    1259.2,       0.0);         ( 401908.9,
3781228.8,     309.7,    1259.2,       0.0);
     ( 401928.9, 3781228.8,     309.4,    1259.2,       0.0);         ( 401948.9,
3781228.8,     308.6,    1259.2,       0.0);
     ( 401968.9, 3781228.8,     307.6,    1259.2,       0.0);         ( 401988.9,
3781228.8,     306.0,    1259.2,       0.0);
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     ( 402008.9, 3781228.8,     305.5,    1259.2,       0.0);         ( 402028.9,
3781228.8,     305.9,    1259.2,       0.0);
     ( 402048.9, 3781228.8,     306.7,    1259.2,       0.0);         ( 402068.9,
3781228.8,     307.0,    1259.2,       0.0);
     ( 402088.9, 3781228.8,     306.7,    1259.2,       0.0);         ( 402108.9,
3781228.8,     306.9,    1259.2,       0.0);
     ( 402128.9, 3781228.8,     306.0,    1259.2,       0.0);         ( 402148.9,
3781228.8,     305.7,    1259.2,       0.0);
     ( 402168.9, 3781228.8,     305.9,    1259.2,       0.0);         ( 402188.9,
3781228.8,     305.8,    1259.2,       0.0);
     ( 402208.9, 3781228.8,     305.6,    1259.2,       0.0);         ( 402228.9,
3781228.8,     305.5,    1259.2,       0.0);
     ( 402248.9, 3781228.8,     305.5,    1259.2,       0.0);         ( 402268.9,
3781228.8,     305.6,    1259.2,       0.0);
     ( 402288.9, 3781228.8,     305.3,    1259.2,       0.0);         ( 402308.9,
3781228.8,     305.1,    1259.2,       0.0);
     ( 402328.9, 3781228.8,     305.6,    1259.2,       0.0);         ( 402348.9,
3781228.8,     306.1,    1259.2,       0.0);
     ( 402368.9, 3781228.8,     306.0,    1259.2,       0.0);         ( 402388.9,
3781228.8,     305.2,    1259.2,       0.0);
     ( 402408.9, 3781228.8,     305.0,    1259.2,       0.0);         ( 402428.9,
3781228.8,     304.9,    1259.2,       0.0);
     ( 402448.9, 3781228.8,     304.0,    1259.2,       0.0);         ( 402468.9,
3781228.8,     303.5,    1259.2,       0.0);
↟ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 402488.9, 3781228.8,     302.0,    1259.2,       0.0);         ( 402508.9,
3781228.8,     301.3,    1259.2,       0.0);
     ( 401308.9, 3781248.8,     323.6,    1259.2,       0.0);         ( 401328.9,
3781248.8,     323.5,    1259.2,       0.0);
     ( 401348.9, 3781248.8,     323.3,    1259.2,       0.0);         ( 401368.9,
3781248.8,     323.0,    1259.2,       0.0);
     ( 401388.9, 3781248.8,     322.9,    1259.2,       0.0);         ( 401408.9,
3781248.8,     322.7,    1259.2,       0.0);
     ( 401428.9, 3781248.8,     322.2,    1259.2,       0.0);         ( 401448.9,
3781248.8,     321.8,    1259.2,       0.0);
     ( 401468.9, 3781248.8,     321.3,    1259.2,       0.0);         ( 401488.9,
3781248.8,     320.8,    1259.2,       0.0);
     ( 401508.9, 3781248.8,     320.2,    1259.2,       0.0);         ( 401528.9,
3781248.8,     319.8,    1259.2,       0.0);
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     ( 401548.9, 3781248.8,     318.4,    1259.2,       0.0);         ( 401568.9,
3781248.8,     318.9,    1259.2,       0.0);
     ( 401588.9, 3781248.8,     318.6,    1259.2,       0.0);         ( 401608.9,
3781248.8,     318.3,    1259.2,       0.0);
     ( 401628.9, 3781248.8,     317.9,    1259.2,       0.0);         ( 401648.9,
3781248.8,     317.1,    1259.2,       0.0);
     ( 401668.9, 3781248.8,     316.3,    1259.2,       0.0);         ( 401688.9,
3781248.8,     315.8,    1259.2,       0.0);
     ( 401708.9, 3781248.8,     315.4,    1259.2,       0.0);         ( 401728.9,
3781248.8,     315.0,    1259.2,       0.0);
     ( 401748.9, 3781248.8,     314.9,    1259.2,       0.0);         ( 401768.9,
3781248.8,     314.2,    1259.2,       0.0);
     ( 401788.9, 3781248.8,     314.0,    1259.2,       0.0);         ( 401808.9,
3781248.8,     313.7,    1259.2,       0.0);
     ( 401828.9, 3781248.8,     313.0,    1259.2,       0.0);         ( 401848.9,
3781248.8,     312.6,    1259.2,       0.0);
     ( 401868.9, 3781248.8,     311.6,    1259.2,       0.0);         ( 401888.9,
3781248.8,     311.5,    1259.2,       0.0);
     ( 401908.9, 3781248.8,     311.2,    1259.2,       0.0);         ( 401928.9,
3781248.8,     310.7,    1259.2,       0.0);
     ( 401948.9, 3781248.8,     309.4,    1259.2,       0.0);         ( 401968.9,
3781248.8,     308.3,    1259.2,       0.0);
     ( 401988.9, 3781248.8,     307.7,    1259.2,       0.0);         ( 402008.9,
3781248.8,     307.0,    1259.2,       0.0);
     ( 402028.9, 3781248.8,     307.6,    1259.2,       0.0);         ( 402048.9,
3781248.8,     308.0,    1259.2,       0.0);
     ( 402068.9, 3781248.8,     308.2,    1259.2,       0.0);         ( 402088.9,
3781248.8,     308.1,    1259.2,       0.0);
     ( 402108.9, 3781248.8,     307.8,    1259.2,       0.0);         ( 402128.9,
3781248.8,     307.7,    1259.2,       0.0);
     ( 402148.9, 3781248.8,     307.3,    1259.2,       0.0);         ( 402168.9,
3781248.8,     307.3,    1259.2,       0.0);
     ( 402188.9, 3781248.8,     307.5,    1259.2,       0.0);         ( 402208.9,
3781248.8,     307.4,    1259.2,       0.0);
     ( 402228.9, 3781248.8,     307.2,    1259.2,       0.0);         ( 402248.9,
3781248.8,     306.9,    1259.2,       0.0);
     ( 402268.9, 3781248.8,     307.0,    1259.2,       0.0);         ( 402288.9,
3781248.8,     306.8,    1259.2,       0.0);
     ( 402308.9, 3781248.8,     306.7,    1259.2,       0.0);         ( 402328.9,
3781248.8,     307.1,    1259.2,       0.0);
     ( 402348.9, 3781248.8,     307.9,    1259.2,       0.0);         ( 402368.9,
3781248.8,     307.3,    1259.2,       0.0);
     ( 402388.9, 3781248.8,     307.0,    1259.2,       0.0);         ( 402408.9,
3781248.8,     306.4,    1259.2,       0.0);
     ( 402428.9, 3781248.8,     306.0,    1259.2,       0.0);         ( 402448.9,
3781248.8,     304.9,    1259.2,       0.0);
     ( 402468.9, 3781248.8,     304.4,    1259.2,       0.0);         ( 402488.9,
3781248.8,     303.1,    1259.2,       0.0);
     ( 402508.9, 3781248.8,     302.9,    1259.2,       0.0);         ( 401308.9,
3781268.8,     324.9,    1259.2,       0.0);
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(401328.9, 3781268.8, 324.8, 1259.2, 0.0); (401348.9, 3781268.8, 324.4, 1259.2, 0.0);
(401368.9, 3781268.8, 324.0, 1259.2, 0.0); (401388.9, 3781268.8, 323.8, 1259.2, 0.0);
(401408.9, 3781268.8, 323.6, 1259.2, 0.0); (401428.9, 3781268.8, 323.3, 1259.2, 0.0);
(401448.9, 3781268.8, 322.8, 1259.2, 0.0); (401468.9, 3781268.8, 322.2, 1259.2, 0.0);
(401488.9, 3781268.8, 321.6, 1259.2, 0.0); (401508.9, 3781268.8, 321.0, 1259.2, 0.0);
(401528.9, 3781268.8, 320.4, 1259.2, 0.0); (401548.9, 3781268.8, 319.8, 1259.2, 0.0);
(401568.9, 3781268.8, 319.7, 1259.2, 0.0); (401588.9, 3781268.8, 319.2, 1259.2, 0.0);
(401608.9, 3781268.8, 318.9, 1259.2, 0.0); (401628.9, 3781268.8, 318.5, 1259.2, 0.0);
(401648.9, 3781268.8, 318.1, 1259.2, 0.0); (401668.9, 3781268.8, 317.6, 1259.2, 0.0);
(401688.9, 3781268.8, 317.1, 1259.2, 0.0); (401708.9, 3781268.8, 316.7, 1259.2, 0.0);
(401728.9, 3781268.8, 316.4, 1259.2, 0.0); (401748.9, 3781268.8, 316.0, 1259.2, 0.0);
(401768.9, 3781268.8, 315.7, 1259.2, 0.0); (401788.9, 3781268.8, 315.3, 1259.2, 0.0);
(401808.9, 3781268.8, 314.9, 1259.2, 0.0); (401828.9, 3781268.8, 314.4, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401848.9, 3781268.8, 313.8, 1259.2, 0.0); (401868.9, 3781268.8, 312.9, 1259.2, 0.0);
(401888.9, 3781268.8, 312.7, 1259.2, 0.0); (401908.9, 3781268.8, 312.4, 1259.2, 0.0);
(401928.9, 3781268.8, 311.7, 1259.2, 0.0); (401948.9, 3781268.8, 310.3, 1259.2, 0.0);
(401968.9, 3781268.8, 309.7, 1259.2, 0.0); (401988.9, 3781268.8, 309.6, 1259.2, 0.0);
(402008.9, 3781268.8, 308.5, 1259.2, 0.0); (402028.9, 3781268.8, 309.3, 1259.2, 0.0);
(402048.9, 3781268.8, 309.6, 1259.2, 0.0); (402068.9, 3781268.8, 309.8, 1259.2, 0.0);

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     ( 402088.9, 3781268.8,     309.4,    1259.2,       0.0);         ( 402108.9,
3781268.8,     309.5,    1259.2,       0.0);
     ( 402128.9, 3781268.8,     309.1,    1259.2,       0.0);         ( 402148.9,
3781268.8,     309.1,    1259.2,       0.0);
     ( 402168.9, 3781268.8,     308.8,    1259.2,       0.0);         ( 402188.9,
3781268.8,     309.0,    1259.2,       0.0);
     ( 402208.9, 3781268.8,     308.8,    1259.2,       0.0);         ( 402228.9,
3781268.8,     308.9,    1259.2,       0.0);
     ( 402248.9, 3781268.8,     308.5,    1259.2,       0.0);         ( 402268.9,
3781268.8,     308.2,    1259.2,       0.0);
     ( 402288.9, 3781268.8,     308.2,    1259.2,       0.0);         ( 402308.9,
3781268.8,     308.1,    1259.2,       0.0);
     ( 402328.9, 3781268.8,     308.5,    1259.2,       0.0);         ( 402348.9,
3781268.8,     308.6,    1259.2,       0.0);
     ( 402368.9, 3781268.8,     308.4,    1259.2,       0.0);         ( 402388.9,
3781268.8,     308.0,    1259.2,       0.0);
     ( 402408.9, 3781268.8,     307.6,    1259.2,       0.0);         ( 402428.9,
3781268.8,     306.9,    1259.2,       0.0);
     ( 402448.9, 3781268.8,     306.0,    1259.2,       0.0);         ( 402468.9,
3781268.8,     305.5,    1259.2,       0.0);
     ( 402488.9, 3781268.8,     304.3,    1259.2,       0.0);         ( 402508.9,
3781268.8,     304.2,    1259.2,       0.0);
     ( 401308.9, 3781288.8,     326.5,    1259.2,       0.0);         ( 401328.9,
3781288.8,     326.2,    1259.2,       0.0);
     ( 401348.9, 3781288.8,     325.9,    1259.2,       0.0);         ( 401368.9,
3781288.8,     325.3,    1259.2,       0.0);
     ( 401388.9, 3781288.8,     325.3,    1259.2,       0.0);         ( 401408.9,
3781288.8,     325.5,    1259.2,       0.0);
     ( 401428.9, 3781288.8,     325.1,    1259.2,       0.0);         ( 401448.9,
3781288.8,     324.3,    1259.2,       0.0);
     ( 401468.9, 3781288.8,     323.6,    1259.2,       0.0);         ( 401488.9,
3781288.8,     323.3,    1259.2,       0.0);
     ( 401508.9, 3781288.8,     322.8,    1259.2,       0.0);         ( 401528.9,
3781288.8,     322.2,    1259.2,       0.0);
     ( 401548.9, 3781288.8,     321.3,    1259.2,       0.0);         ( 401568.9,
3781288.8,     321.5,    1259.2,       0.0);
     ( 401588.9, 3781288.8,     321.1,    1259.2,       0.0);         ( 401608.9,
3781288.8,     321.0,    1259.2,       0.0);
     ( 401628.9, 3781288.8,     320.2,    1259.2,       0.0);         ( 401648.9,
3781288.8,     319.3,    1259.2,       0.0);
     ( 401668.9, 3781288.8,     318.9,    1259.2,       0.0);         ( 401688.9,
3781288.8,     318.6,    1259.2,       0.0);
     ( 401708.9, 3781288.8,     318.5,    1259.2,       0.0);         ( 401728.9,
3781288.8,     317.8,    1259.2,       0.0);
     ( 401748.9, 3781288.8,     317.4,    1259.2,       0.0);         ( 401768.9,
3781288.8,     317.0,    1259.2,       0.0);
     ( 401788.9, 3781288.8,     316.8,    1259.2,       0.0);         ( 401808.9,
3781288.8,     316.3,    1259.2,       0.0);
     ( 401828.9, 3781288.8,     315.9,    1259.2,       0.0);         ( 401848.9,
3781288.8,     315.5,    1259.2,       0.0);
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(401868.9, 3781288.8, 314.2, 1259.2, 0.0); (401888.9, 3781288.8, 314.2, 1259.2, 0.0);
(401908.9, 3781288.8, 313.8, 1259.2, 0.0); (401928.9, 3781288.8, 312.4, 1259.2, 0.0);
(401948.9, 3781288.8, 312.0, 1259.2, 0.0); (401968.9, 3781288.8, 311.2, 1259.2, 0.0);
(401988.9, 3781288.8, 310.4, 1259.2, 0.0); (402008.9, 3781288.8, 309.2, 1259.2, 0.0);
(402028.9, 3781288.8, 309.5, 1259.2, 0.0); (402048.9, 3781288.8, 310.2, 1259.2, 0.0);
(402068.9, 3781288.8, 311.4, 1259.2, 0.0); (402088.9, 3781288.8, 311.6, 1259.2, 0.0);
(402108.9, 3781288.8, 311.1, 1259.2, 0.0); (402128.9, 3781288.8, 310.7, 1259.2, 0.0);
(402148.9, 3781288.8, 310.5, 1259.2, 0.0); (402168.9, 3781288.8, 310.4, 1259.2, 0.0);
(402188.9, 3781288.8, 310.4, 1259.2, 0.0); (402208.9, 3781288.8, 310.3, 1259.2, 0.0);
(402228.9, 3781288.8, 310.1, 1259.2, 0.0); (402248.9, 3781288.8, 310.2, 1259.2, 0.0);
(402268.9, 3781288.8, 309.7, 1259.2, 0.0); (402288.9, 3781288.8, 309.7, 1259.2, 0.0);
(402308.9, 3781288.8, 309.7, 1259.2, 0.0); (402328.9, 3781288.8, 309.8, 1259.2, 0.0);
(402348.9, 3781288.8, 310.0, 1259.2, 0.0); (402368.9, 3781288.8, 309.9, 1259.2, 0.0);
(402388.9, 3781288.8, 309.3, 1259.2, 0.0); (402408.9, 3781288.8, 309.1, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(402428.9, 3781288.8, 308.0, 1259.2, 0.0); (402448.9, 3781288.8, 307.4, 1259.2, 0.0);
(402468.9, 3781288.8, 306.5, 1259.2, 0.0); (402488.9, 3781288.8, 305.4, 1259.2, 0.0);
(402508.9, 3781288.8, 306.0, 1259.2, 0.0); (401308.9, 3781308.8, 328.6, 1259.2, 0.0);
(401328.9, 3781308.8, 328.1, 1259.2, 0.0); (401348.9, 3781308.8, 327.9, 1259.2, 0.0);
(401368.9, 3781308.8, 326.9, 1259.2, 0.0); (401388.9, 3781308.8, 327.1, 1259.2, 0.0);

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     ( 401408.9, 3781308.8,     327.3,    1259.2,       0.0);         ( 401428.9,
3781308.8,     326.4,    1259.2,       0.0);
     ( 401448.9, 3781308.8,     325.8,    1259.2,       0.0);         ( 401468.9,
3781308.8,     325.3,    1259.2,       0.0);
     ( 401488.9, 3781308.8,     325.1,    1259.2,       0.0);         ( 401508.9,
3781308.8,     324.6,    1259.2,       0.0);
     ( 401528.9, 3781308.8,     324.1,    1259.2,       0.0);         ( 401548.9,
3781308.8,     322.8,    1259.2,       0.0);
     ( 401568.9, 3781308.8,     322.8,    1259.2,       0.0);         ( 401588.9,
3781308.8,     322.6,    1259.2,       0.0);
     ( 401608.9, 3781308.8,     321.7,    1259.2,       0.0);         ( 401628.9,
3781308.8,     321.2,    1259.2,       0.0);
     ( 401648.9, 3781308.8,     320.6,    1259.2,       0.0);         ( 401668.9,
3781308.8,     320.1,    1259.2,       0.0);
     ( 401688.9, 3781308.8,     319.7,    1259.2,       0.0);         ( 401708.9,
3781308.8,     319.4,    1259.2,       0.0);
     ( 401728.9, 3781308.8,     318.8,    1259.2,       0.0);         ( 401748.9,
3781308.8,     318.4,    1259.2,       0.0);
     ( 401768.9, 3781308.8,     318.4,    1259.2,       0.0);         ( 401788.9,
3781308.8,     318.0,    1259.2,       0.0);
     ( 401808.9, 3781308.8,     317.6,    1259.2,       0.0);         ( 401828.9,
3781308.8,     317.0,    1259.2,       0.0);
     ( 401848.9, 3781308.8,     316.2,    1259.2,       0.0);         ( 401868.9,
3781308.8,     315.4,    1259.2,       0.0);
     ( 401888.9, 3781308.8,     315.2,    1259.2,       0.0);         ( 401908.9,
3781308.8,     314.5,    1259.2,       0.0);
     ( 401928.9, 3781308.8,     313.1,    1259.2,       0.0);         ( 401948.9,
3781308.8,     313.4,    1259.2,       0.0);
     ( 401968.9, 3781308.8,     311.7,    1259.2,       0.0);         ( 401988.9,
3781308.8,     311.5,    1259.2,       0.0);
     ( 402008.9, 3781308.8,     311.1,    1259.2,       0.0);         ( 402028.9,
3781308.8,     310.8,    1259.2,       0.0);
     ( 402048.9, 3781308.8,     311.2,    1259.2,       0.0);         ( 402068.9,
3781308.8,     312.5,    1259.2,       0.0);
     ( 402088.9, 3781308.8,     312.9,    1259.2,       0.0);         ( 402108.9,
3781308.8,     312.3,    1259.2,       0.0);
     ( 402128.9, 3781308.8,     312.3,    1259.2,       0.0);         ( 402148.9,
3781308.8,     312.5,    1259.2,       0.0);
     ( 402168.9, 3781308.8,     312.3,    1259.2,       0.0);         ( 402188.9,
3781308.8,     312.1,    1259.2,       0.0);
     ( 402208.9, 3781308.8,     311.7,    1259.2,       0.0);         ( 402228.9,
3781308.8,     311.6,    1259.2,       0.0);
     ( 402248.9, 3781308.8,     311.4,    1259.2,       0.0);         ( 402268.9,
3781308.8,     311.4,    1259.2,       0.0);
     ( 402288.9, 3781308.8,     311.4,    1259.2,       0.0);         ( 402308.9,
3781308.8,     311.2,    1259.2,       0.0);
     ( 402328.9, 3781308.8,     311.3,    1259.2,       0.0);         ( 402348.9,
3781308.8,     311.6,    1259.2,       0.0);
     ( 402368.9, 3781308.8,     311.3,    1259.2,       0.0);         ( 402388.9,
3781308.8,     310.9,    1259.2,       0.0);
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(402408.9, 3781308.8, 310.2, 1259.2, 0.0); (402428.9, 3781308.8, 309.5, 1259.2, 0.0);
(402448.9, 3781308.8, 309.1, 1259.2, 0.0); (402468.9, 3781308.8, 308.0, 1259.2, 0.0);
(402488.9, 3781308.8, 306.6, 1259.2, 0.0); (402508.9, 3781308.8, 308.2, 1259.2, 0.0);
(401308.9, 3781328.8, 330.2, 1259.2, 0.0); (401328.9, 3781328.8, 330.0, 1259.2, 0.0);
(401348.9, 3781328.8, 329.9, 1259.2, 0.0); (401368.9, 3781328.8, 328.6, 1259.2, 0.0);
(401388.9, 3781328.8, 328.7, 1259.2, 0.0); (401408.9, 3781328.8, 328.9, 1259.2, 0.0);
(401428.9, 3781328.8, 328.1, 1259.2, 0.0); (401448.9, 3781328.8, 327.7, 1259.2, 0.0);
(401468.9, 3781328.8, 327.1, 1259.2, 0.0); (401488.9, 3781328.8, 326.6, 1259.2, 0.0);
(401508.9, 3781328.8, 326.5, 1259.2, 0.0); (401528.9, 3781328.8, 325.7, 1259.2, 0.0);
(401548.9, 3781328.8, 324.4, 1259.2, 0.0); (401568.9, 3781328.8, 324.4, 1259.2, 0.0);
(401588.9, 3781328.8, 324.3, 1259.2, 0.0); (401608.9, 3781328.8, 323.7, 1259.2, 0.0);
(401628.9, 3781328.8, 323.1, 1259.2, 0.0); (401648.9, 3781328.8, 322.9, 1259.2, 0.0);
(401668.9, 3781328.8, 321.8, 1259.2, 0.0); (401688.9, 3781328.8, 321.8, 1259.2, 0.0);
(401708.9, 3781328.8, 321.2, 1259.2, 0.0); (401728.9, 3781328.8, 320.5, 1259.2, 0.0);
(401748.9, 3781328.8, 319.7, 1259.2, 0.0); (401768.9, 3781328.8, 319.7, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401788.9, 3781328.8, 319.3, 1259.2, 0.0); (401808.9, 3781328.8, 318.8, 1259.2, 0.0);
(401828.9, 3781328.8, 318.8, 1259.2, 0.0); (401848.9, 3781328.8, 317.4, 1259.2, 0.0);
(401868.9, 3781328.8, 316.7, 1259.2, 0.0); (401888.9, 3781328.8, 316.5, 1259.2, 0.0);
(401908.9, 3781328.8, 315.5, 1259.2, 0.0); (401928.9, 3781328.8, 315.4, 1259.2, 0.0);

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     ( 401948.9, 3781328.8,     315.8,    1259.2,       0.0);         ( 401968.9,
3781328.8,     314.7,    1259.2,       0.0);
     ( 401988.9, 3781328.8,     313.7,    1259.2,       0.0);         ( 402008.9,
3781328.8,     313.4,    1259.2,       0.0);
     ( 402028.9, 3781328.8,     312.8,    1259.2,       0.0);         ( 402048.9,
3781328.8,     312.4,    1259.2,       0.0);
     ( 402068.9, 3781328.8,     313.6,    1259.2,       0.0);         ( 402088.9,
3781328.8,     314.2,    1259.2,       0.0);
     ( 402108.9, 3781328.8,     313.6,    1259.2,       0.0);         ( 402128.9,
3781328.8,     314.2,    1259.2,       0.0);
     ( 402148.9, 3781328.8,     313.4,    1259.2,       0.0);         ( 402168.9,
3781328.8,     313.5,    1259.2,       0.0);
     ( 402188.9, 3781328.8,     313.4,    1259.2,       0.0);         ( 402208.9,
3781328.8,     313.1,    1259.2,       0.0);
     ( 402228.9, 3781328.8,     313.1,    1259.2,       0.0);         ( 402248.9,
3781328.8,     312.9,    1259.2,       0.0);
     ( 402268.9, 3781328.8,     312.9,    1259.2,       0.0);         ( 402288.9,
3781328.8,     312.8,    1259.2,       0.0);
     ( 402308.9, 3781328.8,     312.7,    1259.2,       0.0);         ( 402328.9,
3781328.8,     313.0,    1259.2,       0.0);
     ( 402348.9, 3781328.8,     313.4,    1259.2,       0.0);         ( 402368.9,
3781328.8,     312.7,    1259.2,       0.0);
     ( 402388.9, 3781328.8,     311.8,    1259.2,       0.0);         ( 402408.9,
3781328.8,     311.5,    1259.2,       0.0);
     ( 402428.9, 3781328.8,     311.3,    1259.2,       0.0);         ( 402448.9,
3781328.8,     310.2,    1259.2,       0.0);
     ( 402468.9, 3781328.8,     309.1,    1259.2,       0.0);         ( 402488.9,
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     ( 402508.9, 3781328.8,     310.4,    1259.2,       0.0);         ( 401308.9,
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     ( 401328.9, 3781348.8,     331.5,    1259.2,       0.0);         ( 401348.9,
3781348.8,     331.3,    1259.2,       0.0);
     ( 401368.9, 3781348.8,     330.3,    1259.2,       0.0);         ( 401388.9,
3781348.8,     330.3,    1259.2,       0.0);
     ( 401408.9, 3781348.8,     330.5,    1259.2,       0.0);         ( 401428.9,
3781348.8,     330.0,    1259.2,       0.0);
     ( 401448.9, 3781348.8,     329.1,    1259.2,       0.0);         ( 401468.9,
3781348.8,     328.8,    1259.2,       0.0);
     ( 401488.9, 3781348.8,     328.8,    1259.2,       0.0);         ( 401508.9,
3781348.8,     328.3,    1259.2,       0.0);
     ( 401528.9, 3781348.8,     328.0,    1259.2,       0.0);         ( 401548.9,
3781348.8,     325.8,    1259.2,       0.0);
     ( 401568.9, 3781348.8,     326.1,    1259.2,       0.0);         ( 401588.9,
3781348.8,     325.2,    1259.2,       0.0);
     ( 401608.9, 3781348.8,     325.1,    1259.2,       0.0);         ( 401628.9,
3781348.8,     324.4,    1259.2,       0.0);
     ( 401648.9, 3781348.8,     323.8,    1259.2,       0.0);         ( 401668.9,
3781348.8,     323.3,    1259.2,       0.0);
     ( 401688.9, 3781348.8,     322.7,    1259.2,       0.0);         ( 401708.9,
3781348.8,     322.4,    1259.2,       0.0);
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     ( 401728.9, 3781348.8,     321.8,    1259.2,       0.0);         ( 401748.9,
3781348.8,     321.3,    1259.2,       0.0);
     ( 401768.9, 3781348.8,     320.8,    1259.2,       0.0);         ( 401788.9,
3781348.8,     320.2,    1259.2,       0.0);
     ( 401808.9, 3781348.8,     319.8,    1259.2,       0.0);         ( 401828.9,
3781348.8,     319.5,    1259.2,       0.0);
     ( 401848.9, 3781348.8,     318.9,    1259.2,       0.0);         ( 401868.9,
3781348.8,     318.0,    1259.2,       0.0);
     ( 401888.9, 3781348.8,     317.8,    1259.2,       0.0);         ( 401908.9,
3781348.8,     317.1,    1259.2,       0.0);
     ( 401928.9, 3781348.8,     316.6,    1259.2,       0.0);         ( 401948.9,
3781348.8,     316.3,    1259.2,       0.0);
     ( 401968.9, 3781348.8,     315.7,    1259.2,       0.0);         ( 401988.9,
3781348.8,     315.1,    1259.2,       0.0);
     ( 402008.9, 3781348.8,     314.8,    1259.2,       0.0);         ( 402028.9,
3781348.8,     314.7,    1259.2,       0.0);
     ( 402048.9, 3781348.8,     314.3,    1259.2,       0.0);         ( 402068.9,
3781348.8,     314.9,    1259.2,       0.0);
     ( 402088.9, 3781348.8,     315.5,    1259.2,       0.0);         ( 402108.9,
3781348.8,     315.8,    1259.2,       0.0);
     ( 402128.9, 3781348.8,     315.7,    1259.2,       0.0);         ( 402148.9,
3781348.8,     315.4,    1259.2,       0.0);
     ( 402168.9, 3781348.8,     315.3,    1259.2,       0.0);         ( 402188.9,
3781348.8,     315.2,    1259.2,       0.0);
     ( 402208.9, 3781348.8,     314.7,    1259.2,       0.0);         ( 402228.9,
3781348.8,     314.9,    1259.2,       0.0);
     ( 402248.9, 3781348.8,     315.0,    1259.2,       0.0);         ( 402268.9,
3781348.8,     314.5,    1259.2,       0.0);
     ( 402288.9, 3781348.8,     314.6,    1259.2,       0.0);         ( 402308.9,
3781348.8,     314.2,    1259.2,       0.0);
     ( 402328.9, 3781348.8,     314.3,    1259.2,       0.0);         ( 402348.9,
3781348.8,     314.2,    1259.2,       0.0);
```


*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 402368.9, 3781348.8,     313.8,    1259.2,       0.0);         ( 402388.9,
3781348.8,     312.9,    1259.2,       0.0);
     ( 402408.9, 3781348.8,     312.5,    1259.2,       0.0);         ( 402428.9,
3781348.8,     312.5,    1259.2,       0.0);
     ( 402448.9, 3781348.8,     311.5,    1259.2,       0.0);         ( 402468.9,
3781348.8,     310.6,    1259.2,       0.0);
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     ( 402488.9, 3781348.8,     309.6,    1259.2,       0.0);         ( 402508.9,
3781348.8,     312.4,    1259.2,       0.0);
     ( 401308.9, 3781368.8,     333.2,    1259.2,       0.0);         ( 401328.9,
3781368.8,     333.0,    1259.2,       0.0);
     ( 401348.9, 3781368.8,     332.9,    1259.2,       0.0);         ( 401368.9,
3781368.8,     332.0,    1259.2,       0.0);
     ( 401388.9, 3781368.8,     331.6,    1259.2,       0.0);         ( 401408.9,
3781368.8,     331.8,    1259.2,       0.0);
     ( 401428.9, 3781368.8,     331.4,    1259.2,       0.0);         ( 401448.9,
3781368.8,     330.8,    1259.2,       0.0);
     ( 401468.9, 3781368.8,     330.1,    1259.2,       0.0);         ( 401488.9,
3781368.8,     330.2,    1259.2,       0.0);
     ( 401508.9, 3781368.8,     329.6,    1259.2,       0.0);         ( 401528.9,
3781368.8,     329.2,    1259.2,       0.0);
     ( 401548.9, 3781368.8,     327.2,    1259.2,       0.0);         ( 401568.9,
3781368.8,     327.4,    1259.2,       0.0);
     ( 401588.9, 3781368.8,     326.9,    1259.2,       0.0);         ( 401608.9,
3781368.8,     326.2,    1259.2,       0.0);
     ( 401628.9, 3781368.8,     325.6,    1259.2,       0.0);         ( 401648.9,
3781368.8,     325.0,    1259.2,       0.0);
     ( 401668.9, 3781368.8,     324.6,    1259.2,       0.0);         ( 401688.9,
3781368.8,     324.0,    1259.2,       0.0);
     ( 401708.9, 3781368.8,     323.8,    1259.2,       0.0);         ( 401728.9,
3781368.8,     323.2,    1259.2,       0.0);
     ( 401748.9, 3781368.8,     322.8,    1259.2,       0.0);         ( 401768.9,
3781368.8,     322.2,    1259.2,       0.0);
     ( 401788.9, 3781368.8,     321.8,    1259.2,       0.0);         ( 401808.9,
3781368.8,     321.3,    1259.2,       0.0);
     ( 401828.9, 3781368.8,     320.6,    1259.2,       0.0);         ( 401848.9,
3781368.8,     320.1,    1259.2,       0.0);
     ( 401868.9, 3781368.8,     319.3,    1259.2,       0.0);         ( 401888.9,
3781368.8,     318.9,    1259.2,       0.0);
     ( 401908.9, 3781368.8,     318.2,    1259.2,       0.0);         ( 401928.9,
3781368.8,     317.9,    1259.2,       0.0);
     ( 401948.9, 3781368.8,     317.6,    1259.2,       0.0);         ( 401968.9,
3781368.8,     317.4,    1259.2,       0.0);
     ( 401988.9, 3781368.8,     316.0,    1259.2,       0.0);         ( 402008.9,
3781368.8,     316.2,    1259.2,       0.0);
     ( 402028.9, 3781368.8,     315.8,    1259.2,       0.0);         ( 402048.9,
3781368.8,     315.3,    1259.2,       0.0);
     ( 402068.9, 3781368.8,     315.8,    1259.2,       0.0);         ( 402088.9,
3781368.8,     316.5,    1259.2,       0.0);
     ( 402108.9, 3781368.8,     317.2,    1259.2,       0.0);         ( 402128.9,
3781368.8,     317.3,    1259.2,       0.0);
     ( 402148.9, 3781368.8,     317.3,    1259.2,       0.0);         ( 402168.9,
3781368.8,     317.2,    1259.2,       0.0);
     ( 402188.9, 3781368.8,     316.2,    1259.2,       0.0);         ( 402208.9,
3781368.8,     315.9,    1259.2,       0.0);
     ( 402228.9, 3781368.8,     315.7,    1259.2,       0.0);         ( 402248.9,
3781368.8,     316.0,    1259.2,       0.0);
```

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     ( 402268.9, 3781368.8,     316.0,    1259.2,       0.0);         ( 402288.9,
3781368.8,     315.9,    1259.2,       0.0);
     ( 402308.9, 3781368.8,     315.8,    1259.2,       0.0);         ( 402328.9,
3781368.8,     315.6,    1259.2,       0.0);
     ( 402348.9, 3781368.8,     315.8,    1259.2,       0.0);         ( 402368.9,
3781368.8,     314.8,    1259.2,       0.0);
     ( 402388.9, 3781368.8,     314.4,    1259.2,       0.0);         ( 402408.9,
3781368.8,     314.0,    1259.2,       0.0);
     ( 402428.9, 3781368.8,     313.9,    1259.2,       0.0);         ( 402448.9,
3781368.8,     313.6,    1259.2,       0.0);
     ( 402468.9, 3781368.8,     311.4,    1259.2,       0.0);         ( 402488.9,
3781368.8,     312.1,    1259.2,       0.0);
     ( 402508.9, 3781368.8,     313.6,    1259.2,       0.0);         ( 401308.9,
3781388.8,     335.0,    1259.2,       0.0);
     ( 401328.9, 3781388.8,     334.8,    1259.2,       0.0);         ( 401348.9,
3781388.8,     334.5,    1259.2,       0.0);
     ( 401368.9, 3781388.8,     333.7,    1259.2,       0.0);         ( 401388.9,
3781388.8,     333.2,    1259.2,       0.0);
     ( 401408.9, 3781388.8,     333.3,    1259.2,       0.0);         ( 401428.9,
3781388.8,     332.8,    1259.2,       0.0);
     ( 401448.9, 3781388.8,     332.2,    1259.2,       0.0);         ( 401468.9,
3781388.8,     331.8,    1259.2,       0.0);
     ( 401488.9, 3781388.8,     331.8,    1259.2,       0.0);         ( 401508.9,
3781388.8,     331.4,    1259.2,       0.0);
     ( 401528.9, 3781388.8,     330.7,    1259.2,       0.0);         ( 401548.9,
3781388.8,     328.7,    1259.2,       0.0);
     ( 401568.9, 3781388.8,     328.9,    1259.2,       0.0);         ( 401588.9,
3781388.8,     328.0,    1259.2,       0.0);
     ( 401608.9, 3781388.8,     327.5,    1259.2,       0.0);         ( 401628.9,
3781388.8,     326.9,    1259.2,       0.0);
     ( 401648.9, 3781388.8,     326.2,    1259.2,       0.0);         ( 401668.9,
3781388.8,     326.3,    1259.2,       0.0);
     ( 401688.9, 3781388.8,     325.7,    1259.2,       0.0);         ( 401708.9,
3781388.8,     325.0,    1259.2,       0.0);
↟ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 401728.9, 3781388.8,     324.8,    1259.2,       0.0);         ( 401748.9,
3781388.8,     323.9,    1259.2,       0.0);
     ( 401768.9, 3781388.8,     323.7,    1259.2,       0.0);         ( 401788.9,
3781388.8,     323.3,    1259.2,       0.0);
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     ( 401808.9, 3781388.8,     322.6,    1259.2,       0.0);         ( 401828.9,
3781388.8,     322.1,    1259.2,       0.0);
     ( 401848.9, 3781388.8,     321.5,    1259.2,       0.0);         ( 401868.9,
3781388.8,     320.5,    1259.2,       0.0);
     ( 401888.9, 3781388.8,     320.8,    1259.2,       0.0);         ( 401908.9,
3781388.8,     320.0,    1259.2,       0.0);
     ( 401928.9, 3781388.8,     319.0,    1259.2,       0.0);         ( 401948.9,
3781388.8,     319.2,    1259.2,       0.0);
     ( 401968.9, 3781388.8,     318.4,    1259.2,       0.0);         ( 401988.9,
3781388.8,     317.9,    1259.2,       0.0);
     ( 402008.9, 3781388.8,     317.3,    1259.2,       0.0);         ( 402028.9,
3781388.8,     317.3,    1259.2,       0.0);
     ( 402048.9, 3781388.8,     317.2,    1259.2,       0.0);         ( 402068.9,
3781388.8,     317.9,    1259.2,       0.0);
     ( 402088.9, 3781388.8,     318.2,    1259.2,       0.0);         ( 402108.9,
3781388.8,     318.8,    1259.2,       0.0);
     ( 402128.9, 3781388.8,     319.2,    1259.2,       0.0);         ( 402148.9,
3781388.8,     319.2,    1259.2,       0.0);
     ( 402168.9, 3781388.8,     318.6,    1259.2,       0.0);         ( 402188.9,
3781388.8,     318.3,    1259.2,       0.0);
     ( 402208.9, 3781388.8,     317.6,    1259.2,       0.0);         ( 402228.9,
3781388.8,     317.9,    1259.2,       0.0);
     ( 402248.9, 3781388.8,     317.9,    1259.2,       0.0);         ( 402268.9,
3781388.8,     317.5,    1259.2,       0.0);
     ( 402288.9, 3781388.8,     317.6,    1259.2,       0.0);         ( 402308.9,
3781388.8,     317.2,    1259.2,       0.0);
     ( 402328.9, 3781388.8,     317.2,    1259.2,       0.0);         ( 402348.9,
3781388.8,     317.0,    1259.2,       0.0);
     ( 402368.9, 3781388.8,     316.1,    1259.2,       0.0);         ( 402388.9,
3781388.8,     315.9,    1259.2,       0.0);
     ( 402408.9, 3781388.8,     315.8,    1259.2,       0.0);         ( 402428.9,
3781388.8,     316.0,    1259.2,       0.0);
     ( 402448.9, 3781388.8,     316.2,    1259.2,       0.0);         ( 402468.9,
3781388.8,     313.3,    1259.2,       0.0);
     ( 402488.9, 3781388.8,     314.9,    1259.2,       0.0);         ( 402508.9,
3781388.8,     316.5,    1259.2,       0.0);
     ( 401308.9, 3781408.8,     337.1,    1259.2,       0.0);         ( 401328.9,
3781408.8,     336.9,    1259.2,       0.0);
     ( 401348.9, 3781408.8,     336.5,    1259.2,       0.0);         ( 401368.9,
3781408.8,     335.3,    1259.2,       0.0);
     ( 401388.9, 3781408.8,     334.9,    1259.2,       0.0);         ( 401408.9,
3781408.8,     335.2,    1259.2,       0.0);
     ( 401428.9, 3781408.8,     334.6,    1259.2,       0.0);         ( 401448.9,
3781408.8,     333.9,    1259.2,       0.0);
     ( 401468.9, 3781408.8,     333.3,    1259.2,       0.0);         ( 401488.9,
3781408.8,     333.2,    1259.2,       0.0);
     ( 401508.9, 3781408.8,     332.4,    1259.2,       0.0);         ( 401528.9,
3781408.8,     332.0,    1259.2,       0.0);
     ( 401548.9, 3781408.8,     330.1,    1259.2,       0.0);         ( 401568.9,
3781408.8,     330.3,    1259.2,       0.0);
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(401588.9, 3781408.8, 330.5, 1259.2, 0.0); (401608.9, 3781408.8, 328.6, 1259.2, 0.0);
(401628.9, 3781408.8, 327.9, 1259.2, 0.0); (401648.9, 3781408.8, 327.6, 1259.2, 0.0);
(401668.9, 3781408.8, 327.3, 1259.2, 0.0); (401688.9, 3781408.8, 326.8, 1259.2, 0.0);
(401708.9, 3781408.8, 326.4, 1259.2, 0.0); (401728.9, 3781408.8, 326.0, 1259.2, 0.0);
(401748.9, 3781408.8, 325.2, 1259.2, 0.0); (401768.9, 3781408.8, 324.7, 1259.2, 0.0);
(401788.9, 3781408.8, 324.4, 1259.2, 0.0); (401808.9, 3781408.8, 323.8, 1259.2, 0.0);
(401828.9, 3781408.8, 323.3, 1259.2, 0.0); (401848.9, 3781408.8, 322.7, 1259.2, 0.0);
(401868.9, 3781408.8, 321.9, 1259.2, 0.0); (401888.9, 3781408.8, 321.7, 1259.2, 0.0);
(401908.9, 3781408.8, 321.4, 1259.2, 0.0); (401928.9, 3781408.8, 320.7, 1259.2, 0.0);
(401948.9, 3781408.8, 320.4, 1259.2, 0.0); (401968.9, 3781408.8, 320.1, 1259.2, 0.0);
(401988.9, 3781408.8, 319.8, 1259.2, 0.0); (402008.9, 3781408.8, 319.2, 1259.2, 0.0);
(402028.9, 3781408.8, 319.0, 1259.2, 0.0); (402048.9, 3781408.8, 318.9, 1259.2, 0.0);
(402068.9, 3781408.8, 318.9, 1259.2, 0.0); (402088.9, 3781408.8, 319.3, 1259.2, 0.0);
(402108.9, 3781408.8, 320.1, 1259.2, 0.0); (402128.9, 3781408.8, 320.7, 1259.2, 0.0);
(402148.9, 3781408.8, 320.6, 1259.2, 0.0); (402168.9, 3781408.8, 320.0, 1259.2, 0.0);
(402188.9, 3781408.8, 319.8, 1259.2, 0.0); (402208.9, 3781408.8, 319.2, 1259.2, 0.0);
(402228.9, 3781408.8, 319.4, 1259.2, 0.0); (402248.9, 3781408.8, 319.3, 1259.2, 0.0);
(402268.9, 3781408.8, 319.6, 1259.2, 0.0); (402288.9, 3781408.8, 319.3, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(402308.9, 3781408.8, 318.7, 1259.2, 0.0); (402328.9, 3781408.8, 318.4, 1259.2, 0.0);

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     ( 402348.9, 3781408.8,     318.1,    1259.2,       0.0);         ( 402368.9,
3781408.8,     317.1,    1259.2,       0.0);
     ( 402388.9, 3781408.8,     317.1,    1259.2,       0.0);         ( 402408.9,
3781408.8,     317.2,    1259.2,       0.0);
     ( 402428.9, 3781408.8,     317.5,    1259.2,       0.0);         ( 402448.9,
3781408.8,     317.1,    1259.2,       0.0);
     ( 402468.9, 3781408.8,     315.3,    1259.2,       0.0);         ( 402488.9,
3781408.8,     316.9,    1259.2,       0.0);
     ( 402508.9, 3781408.8,     317.9,    1259.2,       0.0);         ( 401308.9,
3781428.8,     338.8,    1259.2,       0.0);
     ( 401328.9, 3781428.8,     338.6,    1259.2,       0.0);         ( 401348.9,
3781428.8,     338.2,    1259.2,       0.0);
     ( 401368.9, 3781428.8,     336.9,    1259.2,       0.0);         ( 401388.9,
3781428.8,     336.9,    1259.2,       0.0);
     ( 401408.9, 3781428.8,     337.2,    1259.2,       0.0);         ( 401428.9,
3781428.8,     336.9,    1259.2,       0.0);
     ( 401448.9, 3781428.8,     335.7,    1259.2,       0.0);         ( 401468.9,
3781428.8,     335.1,    1259.2,       0.0);
     ( 401488.9, 3781428.8,     334.8,    1259.2,       0.0);         ( 401508.9,
3781428.8,     333.6,    1259.2,       0.0);
     ( 401528.9, 3781428.8,     333.2,    1259.2,       0.0);         ( 401548.9,
3781428.8,     331.6,    1259.2,       0.0);
     ( 401568.9, 3781428.8,     331.7,    1259.2,       0.0);         ( 401588.9,
3781428.8,     331.9,    1259.2,       0.0);
     ( 401608.9, 3781428.8,     330.6,    1259.2,       0.0);         ( 401628.9,
3781428.8,     330.0,    1259.2,       0.0);
     ( 401648.9, 3781428.8,     329.7,    1259.2,       0.0);         ( 401668.9,
3781428.8,     329.3,    1259.2,       0.0);
     ( 401688.9, 3781428.8,     327.9,    1259.2,       0.0);         ( 401708.9,
3781428.8,     327.4,    1259.2,       0.0);
     ( 401728.9, 3781428.8,     326.7,    1259.2,       0.0);         ( 401748.9,
3781428.8,     326.5,    1259.2,       0.0);
     ( 401768.9, 3781428.8,     326.2,    1259.2,       0.0);         ( 401788.9,
3781428.8,     325.7,    1259.2,       0.0);
     ( 401808.9, 3781428.8,     325.1,    1259.2,       0.0);         ( 401828.9,
3781428.8,     324.6,    1259.2,       0.0);
     ( 401848.9, 3781428.8,     324.1,    1259.2,       0.0);         ( 401868.9,
3781428.8,     323.4,    1259.2,       0.0);
     ( 401888.9, 3781428.8,     323.3,    1259.2,       0.0);         ( 401908.9,
3781428.8,     323.1,    1259.2,       0.0);
     ( 401928.9, 3781428.8,     323.3,    1259.2,       0.0);         ( 401948.9,
3781428.8,     323.5,    1259.2,       0.0);
     ( 401968.9, 3781428.8,     322.5,    1259.2,       0.0);         ( 401988.9,
3781428.8,     322.0,    1259.2,       0.0);
     ( 402008.9, 3781428.8,     320.8,    1259.2,       0.0);         ( 402028.9,
3781428.8,     320.6,    1259.2,       0.0);
     ( 402048.9, 3781428.8,     320.5,    1259.2,       0.0);         ( 402068.9,
3781428.8,     320.1,    1259.2,       0.0);
     ( 402088.9, 3781428.8,     320.5,    1259.2,       0.0);         ( 402108.9,
3781428.8,     321.4,    1259.2,       0.0);
```

(402128.9, 3781428.8, 321.8, 1259.2, 0.0); (402148.9, 3781428.8, 322.2, 1259.2, 0.0);
(402168.9, 3781428.8, 321.7, 1259.2, 0.0); (402188.9, 3781428.8, 321.0, 1259.2, 0.0);
(402208.9, 3781428.8, 320.9, 1259.2, 0.0); (402228.9, 3781428.8, 320.7, 1259.2, 0.0);
(402248.9, 3781428.8, 320.6, 1259.2, 0.0); (402268.9, 3781428.8, 320.8, 1259.2, 0.0);
(402288.9, 3781428.8, 320.6, 1259.2, 0.0); (402308.9, 3781428.8, 320.2, 1259.2, 0.0);
(402328.9, 3781428.8, 320.2, 1259.2, 0.0); (402348.9, 3781428.8, 319.5, 1259.2, 0.0);
(402368.9, 3781428.8, 318.7, 1259.2, 0.0); (402388.9, 3781428.8, 319.0, 1259.2, 0.0);
(402408.9, 3781428.8, 319.4, 1259.2, 0.0); (402428.9, 3781428.8, 319.9, 1259.2, 0.0);
(402448.9, 3781428.8, 319.7, 1259.2, 0.0); (402468.9, 3781428.8, 317.3, 1259.2, 0.0);
(402488.9, 3781428.8, 317.6, 1259.2, 0.0); (402508.9, 3781428.8, 318.2, 1259.2, 0.0);
(401308.9, 3781448.8, 340.5, 1259.2, 0.0); (401328.9, 3781448.8, 340.1, 1259.2, 0.0);
(401348.9, 3781448.8, 339.9, 1259.2, 0.0); (401368.9, 3781448.8, 338.5, 1259.2, 0.0);
(401388.9, 3781448.8, 338.5, 1259.2, 0.0); (401408.9, 3781448.8, 338.8, 1259.2, 0.0);
(401428.9, 3781448.8, 338.3, 1259.2, 0.0); (401448.9, 3781448.8, 337.5, 1259.2, 0.0);
(401468.9, 3781448.8, 336.6, 1259.2, 0.0); (401488.9, 3781448.8, 336.8, 1259.2, 0.0);
(401508.9, 3781448.8, 335.2, 1259.2, 0.0); (401528.9, 3781448.8, 334.7, 1259.2, 0.0);
(401548.9, 3781448.8, 333.0, 1259.2, 0.0); (401568.9, 3781448.8, 333.1, 1259.2, 0.0);
(401588.9, 3781448.8, 333.2, 1259.2, 0.0); (401608.9, 3781448.8, 331.8, 1259.2, 0.0);
(401628.9, 3781448.8, 331.6, 1259.2, 0.0); (401648.9, 3781448.8, 330.9, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 401668.9, 3781448.8,     330.5,    1259.2,       0.0);         ( 401688.9,
3781448.8,     330.0,    1259.2,       0.0);
     ( 401708.9, 3781448.8,     329.1,    1259.2,       0.0);         ( 401728.9,
3781448.8,     328.4,    1259.2,       0.0);
     ( 401748.9, 3781448.8,     328.1,    1259.2,       0.0);         ( 401768.9,
3781448.8,     327.5,    1259.2,       0.0);
     ( 401788.9, 3781448.8,     327.1,    1259.2,       0.0);         ( 401808.9,
3781448.8,     326.4,    1259.2,       0.0);
     ( 401828.9, 3781448.8,     325.8,    1259.2,       0.0);         ( 401848.9,
3781448.8,     325.6,    1259.2,       0.0);
     ( 401868.9, 3781448.8,     325.0,    1259.2,       0.0);         ( 401888.9,
3781448.8,     324.9,    1259.2,       0.0);
     ( 401908.9, 3781448.8,     324.6,    1259.2,       0.0);         ( 401928.9,
3781448.8,     324.7,    1259.2,       0.0);
     ( 401948.9, 3781448.8,     323.8,    1259.2,       0.0);         ( 401968.9,
3781448.8,     323.7,    1259.2,       0.0);
     ( 401988.9, 3781448.8,     322.9,    1259.2,       0.0);         ( 402008.9,
3781448.8,     322.5,    1259.2,       0.0);
     ( 402028.9, 3781448.8,     322.7,    1259.2,       0.0);         ( 402048.9,
3781448.8,     322.5,    1259.2,       0.0);
     ( 402068.9, 3781448.8,     322.4,    1259.2,       0.0);         ( 402088.9,
3781448.8,     322.5,    1259.2,       0.0);
     ( 402108.9, 3781448.8,     323.0,    1259.2,       0.0);         ( 402128.9,
3781448.8,     323.7,    1259.2,       0.0);
     ( 402148.9, 3781448.8,     324.1,    1259.2,       0.0);         ( 402168.9,
3781448.8,     323.5,    1259.2,       0.0);
     ( 402188.9, 3781448.8,     323.0,    1259.2,       0.0);         ( 402208.9,
3781448.8,     322.4,    1259.2,       0.0);
     ( 402228.9, 3781448.8,     322.6,    1259.2,       0.0);         ( 402248.9,
3781448.8,     322.4,    1259.2,       0.0);
     ( 402268.9, 3781448.8,     322.4,    1259.2,       0.0);         ( 402288.9,
3781448.8,     322.4,    1259.2,       0.0);
     ( 402308.9, 3781448.8,     321.7,    1259.2,       0.0);         ( 402328.9,
3781448.8,     321.5,    1259.2,       0.0);
     ( 402348.9, 3781448.8,     320.3,    1259.2,       0.0);         ( 402368.9,
3781448.8,     320.4,    1259.2,       0.0);
     ( 402388.9, 3781448.8,     320.7,    1259.2,       0.0);         ( 402408.9,
3781448.8,     321.2,    1259.2,       0.0);
     ( 402428.9, 3781448.8,     320.8,    1259.2,       0.0);         ( 402448.9,
3781448.8,     320.7,    1259.2,       0.0);
     ( 402468.9, 3781448.8,     319.2,    1259.2,       0.0);         ( 402488.9,
3781448.8,     320.4,    1259.2,       0.0);
     ( 402508.9, 3781448.8,     321.2,    1259.2,       0.0);         ( 401308.9,
3781468.8,     342.1,    1259.2,       0.0);
     ( 401328.9, 3781468.8,     341.7,    1259.2,       0.0);         ( 401348.9,
3781468.8,     341.5,    1259.2,       0.0);
     ( 401368.9, 3781468.8,     340.2,    1259.2,       0.0);         ( 401388.9,
3781468.8,     339.9,    1259.2,       0.0);
     ( 401408.9, 3781468.8,     340.2,    1259.2,       0.0);         ( 401428.9,
3781468.8,     339.8,    1259.2,       0.0);
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     ( 401448.9, 3781468.8,     338.9,    1259.2,       0.0);         ( 401468.9,
3781468.8,     338.2,    1259.2,       0.0);
     ( 401488.9, 3781468.8,     338.1,    1259.2,       0.0);         ( 401508.9,
3781468.8,     336.6,    1259.2,       0.0);
     ( 401528.9, 3781468.8,     336.3,    1259.2,       0.0);         ( 401548.9,
3781468.8,     334.5,    1259.2,       0.0);
     ( 401568.9, 3781468.8,     334.6,    1259.2,       0.0);         ( 401588.9,
3781468.8,     334.6,    1259.2,       0.0);
     ( 401608.9, 3781468.8,     332.9,    1259.2,       0.0);         ( 401628.9,
3781468.8,     332.8,    1259.2,       0.0);
     ( 401648.9, 3781468.8,     332.8,    1259.2,       0.0);         ( 401668.9,
3781468.8,     332.2,    1259.2,       0.0);
     ( 401688.9, 3781468.8,     330.8,    1259.2,       0.0);         ( 401708.9,
3781468.8,     330.4,    1259.2,       0.0);
     ( 401728.9, 3781468.8,     329.9,    1259.2,       0.0);         ( 401748.9,
3781468.8,     329.8,    1259.2,       0.0);
     ( 401768.9, 3781468.8,     329.3,    1259.2,       0.0);         ( 401788.9,
3781468.8,     328.7,    1259.2,       0.0);
     ( 401808.9, 3781468.8,     328.1,    1259.2,       0.0);         ( 401828.9,
3781468.8,     327.7,    1259.2,       0.0);
     ( 401848.9, 3781468.8,     327.3,    1259.2,       0.0);         ( 401868.9,
3781468.8,     326.7,    1259.2,       0.0);
     ( 401888.9, 3781468.8,     326.6,    1259.2,       0.0);         ( 401908.9,
3781468.8,     326.3,    1259.2,       0.0);
     ( 401928.9, 3781468.8,     325.1,    1259.2,       0.0);         ( 401948.9,
3781468.8,     324.9,    1259.2,       0.0);
     ( 401968.9, 3781468.8,     324.9,    1259.2,       0.0);         ( 401988.9,
3781468.8,     324.5,    1259.2,       0.0);
     ( 402008.9, 3781468.8,     324.1,    1259.2,       0.0);         ( 402028.9,
3781468.8,     324.2,    1259.2,       0.0);
     ( 402048.9, 3781468.8,     324.2,    1259.2,       0.0);         ( 402068.9,
3781468.8,     324.0,    1259.2,       0.0);
     ( 402088.9, 3781468.8,     324.3,    1259.2,       0.0);         ( 402108.9,
3781468.8,     324.8,    1259.2,       0.0);
     ( 402128.9, 3781468.8,     325.4,    1259.2,       0.0);         ( 402148.9,
3781468.8,     325.4,    1259.2,       0.0);
     ( 402168.9, 3781468.8,     325.5,    1259.2,       0.0);         ( 402188.9,
3781468.8,     325.0,    1259.2,       0.0);
     ( 402208.9, 3781468.8,     324.1,    1259.2,       0.0);         ( 402228.9,
3781468.8,     324.3,    1259.2,       0.0);
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(402248.9, 3781468.8, 323.9, 1259.2, 0.0); (402268.9, 3781468.8, 323.6, 1259.2, 0.0);
(402288.9, 3781468.8, 323.6, 1259.2, 0.0); (402308.9, 3781468.8, 323.3, 1259.2, 0.0);
(402328.9, 3781468.8, 323.0, 1259.2, 0.0); (402348.9, 3781468.8, 322.0, 1259.2, 0.0);
(402368.9, 3781468.8, 322.1, 1259.2, 0.0); (402388.9, 3781468.8, 322.7, 1259.2, 0.0);
(402408.9, 3781468.8, 323.1, 1259.2, 0.0); (402428.9, 3781468.8, 322.8, 1259.2, 0.0);
(402448.9, 3781468.8, 321.8, 1259.2, 0.0); (402468.9, 3781468.8, 320.3, 1259.2, 0.0);
(402488.9, 3781468.8, 321.1, 1259.2, 0.0); (402508.9, 3781468.8, 321.5, 1259.2, 0.0);
(401308.9, 3781488.8, 344.0, 1259.2, 0.0); (401328.9, 3781488.8, 343.4, 1259.2, 0.0);
(401348.9, 3781488.8, 343.2, 1259.2, 0.0); (401368.9, 3781488.8, 341.9, 1259.2, 0.0);
(401388.9, 3781488.8, 341.8, 1259.2, 0.0); (401408.9, 3781488.8, 341.9, 1259.2, 0.0);
(401428.9, 3781488.8, 341.4, 1259.2, 0.0); (401448.9, 3781488.8, 340.6, 1259.2, 0.0);
(401468.9, 3781488.8, 339.7, 1259.2, 0.0); (401488.9, 3781488.8, 339.7, 1259.2, 0.0);
(401508.9, 3781488.8, 338.1, 1259.2, 0.0); (401528.9, 3781488.8, 337.8, 1259.2, 0.0);
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(401628.9, 3781488.8, 333.7, 1259.2, 0.0); (401648.9, 3781488.8, 333.3, 1259.2, 0.0);
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(401908.9, 3781488.8, 328.1, 1259.2, 0.0); (401928.9, 3781488.8, 327.3, 1259.2, 0.0);
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     ( 402028.9, 3781488.8,     325.9,    1259.2,       0.0);         ( 402048.9,
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     ( 402068.9, 3781488.8,     325.7,    1259.2,       0.0);         ( 402088.9,
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     ( 402108.9, 3781488.8,     326.5,    1259.2,       0.0);         ( 402128.9,
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     ( 402148.9, 3781488.8,     329.0,    1259.2,       0.0);         ( 402168.9,
3781488.8,     329.2,    1259.2,       0.0);
     ( 402188.9, 3781488.8,     328.8,    1259.2,       0.0);         ( 402208.9,
3781488.8,     325.9,    1259.2,       0.0);
     ( 402228.9, 3781488.8,     325.5,    1259.2,       0.0);         ( 402248.9,
3781488.8,     325.3,    1259.2,       0.0);
     ( 402268.9, 3781488.8,     325.2,    1259.2,       0.0);         ( 402288.9,
3781488.8,     325.7,    1259.2,       0.0);
     ( 402308.9, 3781488.8,     324.8,    1259.2,       0.0);         ( 402328.9,
3781488.8,     324.4,    1259.2,       0.0);
     ( 402348.9, 3781488.8,     323.9,    1259.2,       0.0);         ( 402368.9,
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     ( 402388.9, 3781488.8,     325.4,    1259.2,       0.0);         ( 402408.9,
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     ( 402428.9, 3781488.8,     324.7,    1259.2,       0.0);         ( 402448.9,
3781488.8,     324.7,    1259.2,       0.0);
     ( 402468.9, 3781488.8,     324.1,    1259.2,       0.0);         ( 402488.9,
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     ( 402508.9, 3781488.8,     325.9,    1259.2,       0.0);         ( 401308.9,
3781508.8,     345.2,    1259.2,       0.0);
     ( 401328.9, 3781508.8,     344.8,    1259.2,       0.0);         ( 401348.9,
3781508.8,     344.6,    1259.2,       0.0);
     ( 401368.9, 3781508.8,     343.6,    1259.2,       0.0);         ( 401388.9,
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     ( 401408.9, 3781508.8,     343.4,    1259.2,       0.0);         ( 401428.9,
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     ( 401448.9, 3781508.8,     342.4,    1259.2,       0.0);         ( 401468.9,
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     ( 401488.9, 3781508.8,     341.4,    1259.2,       0.0);         ( 401508.9,
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     ( 401528.9, 3781508.8,     339.9,    1259.2,       0.0);         ( 401548.9,
3781508.8,     337.5,    1259.2,       0.0);
     ( 401568.9, 3781508.8,     337.2,    1259.2,       0.0);         ( 401588.9,
3781508.8,     336.5,    1259.2,       0.0);
↟ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(401928.9, 3781508.8, 327.8, 1259.2, 0.0); (401948.9, 3781508.8, 327.6, 1259.2, 0.0);
(401968.9, 3781508.8, 327.9, 1259.2, 0.0); (401988.9, 3781508.8, 327.6, 1259.2, 0.0);
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(402048.9, 3781508.8, 327.3, 1259.2, 0.0); (402068.9, 3781508.8, 327.6, 1259.2, 0.0);
(402088.9, 3781508.8, 327.7, 1259.2, 0.0); (402108.9, 3781508.8, 327.9, 1259.2, 0.0);
(402128.9, 3781508.8, 328.4, 1259.2, 0.0); (402148.9, 3781508.8, 329.8, 1259.2, 0.0);
(402168.9, 3781508.8, 329.7, 1259.2, 0.0); (402188.9, 3781508.8, 329.8, 1259.2, 0.0);
(402208.9, 3781508.8, 327.4, 1259.2, 0.0); (402228.9, 3781508.8, 327.2, 1259.2, 0.0);
(402248.9, 3781508.8, 326.7, 1259.2, 0.0); (402268.9, 3781508.8, 326.0, 1259.2, 0.0);
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(401428.9, 3781528.8, 344.5, 1259.2, 0.0); (401448.9, 3781528.8, 343.7, 1259.2, 0.0);
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(401628.9, 3781528.8, 336.0, 1259.2, 0.0); (401648.9, 3781528.8, 335.6, 1259.2, 0.0);
(401668.9, 3781528.8, 335.2, 1259.2, 0.0); (401688.9, 3781528.8, 334.6, 1259.2, 0.0);
(401708.9, 3781528.8, 334.4, 1259.2, 0.0); (401728.9, 3781528.8, 334.5, 1259.2, 0.0);
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(401988.9, 3781528.8, 330.6, 1259.2, 0.0); (402008.9, 3781528.8, 329.3, 1259.2, 0.0);
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(402148.9, 3781528.8, 330.5, 1259.2, 0.0); (402168.9, 3781528.8, 330.5, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(402388.9, 3781528.8, 329.4, 1259.2, 0.0); (402408.9, 3781528.8, 329.7, 1259.2, 0.0);
(402428.9, 3781528.8, 330.1, 1259.2, 0.0); (402448.9, 3781528.8, 330.1, 1259.2, 0.0);
(402468.9, 3781528.8, 334.8, 1259.2, 0.0); (402488.9, 3781528.8, 334.7, 1259.2, 0.0);
(402508.9, 3781528.8, 328.2, 1259.2, 0.0); (401308.9, 3781548.8, 348.0, 1259.2, 0.0);
(401328.9, 3781548.8, 348.2, 1259.2, 0.0); (401348.9, 3781548.8, 347.8, 1259.2, 0.0);
(401368.9, 3781548.8, 346.9, 1259.2, 0.0); (401388.9, 3781548.8, 346.2, 1259.2, 0.0);
(401408.9, 3781548.8, 346.2, 1259.2, 0.0); (401428.9, 3781548.8, 346.0, 1259.2, 0.0);
(401448.9, 3781548.8, 345.3, 1259.2, 0.0); (401468.9, 3781548.8, 344.3, 1259.2, 0.0);
(401488.9, 3781548.8, 344.2, 1259.2, 0.0); (401508.9, 3781548.8, 342.5, 1259.2, 0.0);
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(401568.9, 3781548.8, 340.1, 1259.2, 0.0); (401588.9, 3781548.8, 339.8, 1259.2, 0.0);
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(401688.9, 3781548.8, 336.2, 1259.2, 0.0); (401708.9, 3781548.8, 335.4, 1259.2, 0.0);
(401728.9, 3781548.8, 335.2, 1259.2, 0.0); (401748.9, 3781548.8, 334.5, 1259.2, 0.0);
(401768.9, 3781548.8, 334.7, 1259.2, 0.0); (401788.9, 3781548.8, 334.5, 1259.2, 0.0);
(401808.9, 3781548.8, 334.2, 1259.2, 0.0); (401828.9, 3781548.8, 334.1, 1259.2, 0.0);

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     ( 401928.9, 3781548.8,     332.4,    1259.2,       0.0);         ( 401948.9,
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     ( 401968.9, 3781548.8,     331.6,    1259.2,       0.0);         ( 401988.9,
3781548.8,     331.3,    1259.2,       0.0);
     ( 402008.9, 3781548.8,     330.9,    1259.2,       0.0);         ( 402028.9,
3781548.8,     331.2,    1259.2,       0.0);
     ( 402048.9, 3781548.8,     331.2,    1259.2,       0.0);         ( 402068.9,
3781548.8,     331.0,    1259.2,       0.0);
     ( 402088.9, 3781548.8,     330.8,    1259.2,       0.0);         ( 402108.9,
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     ( 402128.9, 3781548.8,     331.8,    1259.2,       0.0);         ( 402148.9,
3781548.8,     332.0,    1259.2,       0.0);
     ( 402168.9, 3781548.8,     332.4,    1259.2,       0.0);         ( 402188.9,
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     ( 402208.9, 3781548.8,     330.8,    1259.2,       0.0);         ( 402228.9,
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     ( 402248.9, 3781548.8,     330.3,    1259.2,       0.0);         ( 402268.9,
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     ( 402288.9, 3781548.8,     330.0,    1259.2,       0.0);         ( 402308.9,
3781548.8,     329.1,    1259.2,       0.0);
     ( 402328.9, 3781548.8,     329.4,    1259.2,       0.0);         ( 402348.9,
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     ( 402368.9, 3781548.8,     330.4,    1259.2,       0.0);         ( 402388.9,
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     ( 402408.9, 3781548.8,     332.3,    1259.2,       0.0);         ( 402428.9,
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     ( 402448.9, 3781548.8,     332.2,    1259.2,       0.0);         ( 402468.9,
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     ( 402488.9, 3781548.8,     338.7,    1259.2,       0.0);         ( 402508.9,
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3781568.8,     343.3,    1259.2,       0.0);
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(401628.9, 3781568.8, 340.5, 1259.2, 0.0); (401648.9, 3781568.8, 338.8, 1259.2, 0.0);
(401668.9, 3781568.8, 337.4, 1259.2, 0.0); (401688.9, 3781568.8, 337.0, 1259.2, 0.0);
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(401748.9, 3781568.8, 336.2, 1259.2, 0.0); (401768.9, 3781568.8, 336.4, 1259.2, 0.0);
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(401948.9, 3781568.8, 333.7, 1259.2, 0.0); (401968.9, 3781568.8, 333.5, 1259.2, 0.0);
(401988.9, 3781568.8, 333.1, 1259.2, 0.0); (402008.9, 3781568.8, 332.5, 1259.2, 0.0);
(402028.9, 3781568.8, 332.7, 1259.2, 0.0); (402048.9, 3781568.8, 333.4, 1259.2, 0.0);
(402068.9, 3781568.8, 332.6, 1259.2, 0.0); (402088.9, 3781568.8, 332.8, 1259.2, 0.0);
(402108.9, 3781568.8, 333.3, 1259.2, 0.0); (402128.9, 3781568.8, 333.3, 1259.2, 0.0);
(402148.9, 3781568.8, 333.4, 1259.2, 0.0); (402168.9, 3781568.8, 333.5, 1259.2, 0.0);
(402188.9, 3781568.8, 333.7, 1259.2, 0.0); (402208.9, 3781568.8, 332.3, 1259.2, 0.0);
(402228.9, 3781568.8, 332.2, 1259.2, 0.0); (402248.9, 3781568.8, 331.1, 1259.2, 0.0);
(402268.9, 3781568.8, 331.1, 1259.2, 0.0); (402288.9, 3781568.8, 330.8, 1259.2, 0.0);
(402308.9, 3781568.8, 330.3, 1259.2, 0.0); (402328.9, 3781568.8, 331.6, 1259.2, 0.0);
(402348.9, 3781568.8, 333.8, 1259.2, 0.0); (402368.9, 3781568.8, 332.5, 1259.2, 0.0);

```
     ( 402388.9, 3781568.8,     332.9,    1259.2,       0.0);         ( 402408.9,
3781568.8,     333.5,    1259.2,       0.0);
     ( 402428.9, 3781568.8,     334.5,    1259.2,       0.0);         ( 402448.9,
3781568.8,     334.4,    1259.2,       0.0);
     ( 402468.9, 3781568.8,     334.7,    1259.2,       0.0);         ( 402488.9,
3781568.8,     340.3,    1259.2,       0.0);
     ( 402508.9, 3781568.8,     342.2,    1259.2,       0.0);         ( 401308.9,
3781588.8,     352.1,    1259.2,       0.0);
     ( 401328.9, 3781588.8,     351.9,    1259.2,       0.0);         ( 401348.9,
3781588.8,     351.8,    1259.2,       0.0);
     ( 401368.9, 3781588.8,     350.3,    1259.2,       0.0);         ( 401388.9,
3781588.8,     349.9,    1259.2,       0.0);
     ( 401408.9, 3781588.8,     350.6,    1259.2,       0.0);         ( 401428.9,
3781588.8,     349.9,    1259.2,       0.0);
     ( 401448.9, 3781588.8,     348.9,    1259.2,       0.0);         ( 401468.9,
3781588.8,     347.7,    1259.2,       0.0);
     ( 401488.9, 3781588.8,     348.1,    1259.2,       0.0);         ( 401508.9,
3781588.8,     346.0,    1259.2,       0.0);
     ( 401528.9, 3781588.8,     345.0,    1259.2,       0.0);         ( 401548.9,
3781588.8,     343.7,    1259.2,       0.0);
     ( 401568.9, 3781588.8,     343.4,    1259.2,       0.0);         ( 401588.9,
3781588.8,     343.1,    1259.2,       0.0);
     ( 401608.9, 3781588.8,     342.1,    1259.2,       0.0);         ( 401628.9,
3781588.8,     341.1,    1259.2,       0.0);
     ( 401648.9, 3781588.8,     340.5,    1259.2,       0.0);         ( 401668.9,
3781588.8,     339.2,    1259.2,       0.0);
     ( 401688.9, 3781588.8,     338.9,    1259.2,       0.0);         ( 401708.9,
3781588.8,     338.6,    1259.2,       0.0);
     ( 401728.9, 3781588.8,     338.7,    1259.2,       0.0);         ( 401748.9,
3781588.8,     338.2,    1259.2,       0.0);
     ( 401768.9, 3781588.8,     338.5,    1259.2,       0.0);         ( 401788.9,
3781588.8,     338.6,    1259.2,       0.0);
     ( 401808.9, 3781588.8,     338.7,    1259.2,       0.0);         ( 401828.9,
3781588.8,     338.7,    1259.2,       0.0);
     ( 401848.9, 3781588.8,     338.0,    1259.2,       0.0);         ( 401868.9,
3781588.8,     337.0,    1259.2,       0.0);
     ( 401888.9, 3781588.8,     337.1,    1259.2,       0.0);         ( 401908.9,
3781588.8,     336.2,    1259.2,       0.0);
     ( 401928.9, 3781588.8,     335.2,    1259.2,       0.0);         ( 401948.9,
3781588.8,     335.2,    1259.2,       0.0);
     ( 401968.9, 3781588.8,     335.1,    1259.2,       0.0);         ( 401988.9,
3781588.8,     334.8,    1259.2,       0.0);
     ( 402008.9, 3781588.8,     334.6,    1259.2,       0.0);         ( 402028.9,
3781588.8,     334.5,    1259.2,       0.0);
     ( 402048.9, 3781588.8,     334.2,    1259.2,       0.0);         ( 402068.9,
3781588.8,     334.5,    1259.2,       0.0);
     ( 402088.9, 3781588.8,     334.8,    1259.2,       0.0);         ( 402108.9,
3781588.8,     334.9,    1259.2,       0.0);
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(402128.9, 3781588.8, 335.2, 1259.2, 0.0); (402148.9, 3781588.8, 335.2, 1259.2, 0.0);
(402168.9, 3781588.8, 334.9, 1259.2, 0.0); (402188.9, 3781588.8, 334.7, 1259.2, 0.0);
(402208.9, 3781588.8, 333.9, 1259.2, 0.0); (402228.9, 3781588.8, 333.5, 1259.2, 0.0);
(402248.9, 3781588.8, 332.8, 1259.2, 0.0); (402268.9, 3781588.8, 332.4, 1259.2, 0.0);
(402288.9, 3781588.8, 331.6, 1259.2, 0.0); (402308.9, 3781588.8, 332.9, 1259.2, 0.0);
(402328.9, 3781588.8, 334.5, 1259.2, 0.0); (402348.9, 3781588.8, 332.7, 1259.2, 0.0);
(402368.9, 3781588.8, 332.9, 1259.2, 0.0); (402388.9, 3781588.8, 333.9, 1259.2, 0.0);
(402408.9, 3781588.8, 334.8, 1259.2, 0.0); (402428.9, 3781588.8, 334.9, 1259.2, 0.0);
(402448.9, 3781588.8, 335.6, 1259.2, 0.0); (402468.9, 3781588.8, 336.6, 1259.2, 0.0);
(402488.9, 3781588.8, 338.8, 1259.2, 0.0); (402508.9, 3781588.8, 342.1, 1259.2, 0.0);
(401308.9, 3781608.8, 353.6, 1259.2, 0.0); (401328.9, 3781608.8, 353.6, 1259.2, 0.0);
(401348.9, 3781608.8, 353.4, 1259.2, 0.0); (401368.9, 3781608.8, 352.1, 1259.2, 0.0);
(401388.9, 3781608.8, 352.3, 1259.2, 0.0); (401408.9, 3781608.8, 352.2, 1259.2, 0.0);
(401428.9, 3781608.8, 351.5, 1259.2, 0.0); (401448.9, 3781608.8, 350.1, 1259.2, 0.0);
(401468.9, 3781608.8, 349.4, 1259.2, 0.0); (401488.9, 3781608.8, 349.6, 1259.2, 0.0);
(401508.9, 3781608.8, 347.8, 1259.2, 0.0); (401528.9, 3781608.8, 347.2, 1259.2, 0.0);
(401548.9, 3781608.8, 345.2, 1259.2, 0.0); (401568.9, 3781608.8, 344.7, 1259.2, 0.0);
(401588.9, 3781608.8, 344.3, 1259.2, 0.0); (401608.9, 3781608.8, 343.3, 1259.2, 0.0);
(401628.9, 3781608.8, 342.6, 1259.2, 0.0); (401648.9, 3781608.8, 341.8, 1259.2, 0.0);
(401668.9, 3781608.8, 339.6, 1259.2, 0.0); (401688.9, 3781608.8, 339.9, 1259.2, 0.0);

```
     ( 401708.9, 3781608.8,     339.9,    1259.2,       0.0);         ( 401728.9,
3781608.8,     339.5,    1259.2,       0.0);
     ( 401748.9, 3781608.8,     340.2,    1259.2,       0.0);         ( 401768.9,
3781608.8,     340.2,    1259.2,       0.0);
     ( 401788.9, 3781608.8,     340.1,    1259.2,       0.0);         ( 401808.9,
3781608.8,     339.9,    1259.2,       0.0);
     ( 401828.9, 3781608.8,     339.5,    1259.2,       0.0);         ( 401848.9,
3781608.8,     339.4,    1259.2,       0.0);
     ( 401868.9, 3781608.8,     338.9,    1259.2,       0.0);         ( 401888.9,
3781608.8,     338.9,    1259.2,       0.0);
     ( 401908.9, 3781608.8,     338.7,    1259.2,       0.0);         ( 401928.9,
3781608.8,     337.7,    1259.2,       0.0);
     ( 401948.9, 3781608.8,     337.6,    1259.2,       0.0);         ( 401968.9,
3781608.8,     337.2,    1259.2,       0.0);
     ( 401988.9, 3781608.8,     337.3,    1259.2,       0.0);         ( 402008.9,
3781608.8,     337.1,    1259.2,       0.0);
     ( 402028.9, 3781608.8,     336.8,    1259.2,       0.0);         ( 402048.9,
3781608.8,     336.8,    1259.2,       0.0);
     ( 402068.9, 3781608.8,     337.1,    1259.2,       0.0);         ( 402088.9,
3781608.8,     336.9,    1259.2,       0.0);
     ( 402108.9, 3781608.8,     337.2,    1259.2,       0.0);         ( 402128.9,
3781608.8,     336.9,    1259.2,       0.0);
     ( 402148.9, 3781608.8,     336.7,    1259.2,       0.0);         ( 402168.9,
3781608.8,     336.3,    1259.2,       0.0);
     ( 402188.9, 3781608.8,     335.7,    1259.2,       0.0);         ( 402208.9,
3781608.8,     335.0,    1259.2,       0.0);
     ( 402228.9, 3781608.8,     334.2,    1259.2,       0.0);         ( 402248.9,
3781608.8,     334.1,    1259.2,       0.0);
     ( 402268.9, 3781608.8,     333.1,    1259.2,       0.0);         ( 402288.9,
3781608.8,     333.6,    1259.2,       0.0);
     ( 402308.9, 3781608.8,     339.8,    1259.2,       0.0);         ( 402328.9,
3781608.8,     341.0,    1259.2,       0.0);
     ( 402348.9, 3781608.8,     334.6,    1259.2,       0.0);         ( 402368.9,
3781608.8,     333.9,    1259.2,       0.0);
     ( 402388.9, 3781608.8,     335.4,    1259.2,       0.0);         ( 402408.9,
3781608.8,     336.8,    1259.2,       0.0);
     ( 402428.9, 3781608.8,     337.6,    1259.2,       0.0);         ( 402448.9,
3781608.8,     337.5,    1259.2,       0.0);
     ( 402468.9, 3781608.8,     338.3,    1259.2,       0.0);         ( 402488.9,
3781608.8,     339.9,    1259.2,       0.0);
     ( 402508.9, 3781608.8,     341.0,    1259.2,       0.0);         ( 401308.9,
3781628.8,     355.0,    1259.2,       0.0);
     ( 401328.9, 3781628.8,     355.0,    1259.2,       0.0);         ( 401348.9,
3781628.8,     354.8,    1259.2,       0.0);
     ( 401368.9, 3781628.8,     354.0,    1259.2,       0.0);         ( 401388.9,
3781628.8,     353.8,    1259.2,       0.0);
     ( 401408.9, 3781628.8,     353.6,    1259.2,       0.0);         ( 401428.9,
3781628.8,     352.8,    1259.2,       0.0);
     ( 401448.9, 3781628.8,     351.8,    1259.2,       0.0);         ( 401468.9,
3781628.8,     350.9,    1259.2,       0.0);
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

     (401488.9, 3781628.8,   350.8,   1259.2,   0.0);   (401508.9, 3781628.8,   348.8,   1259.2,   0.0);
     (401528.9, 3781628.8,   348.6,   1259.2,   0.0);   (401548.9, 3781628.8,   346.6,   1259.2,   0.0);
     (401568.9, 3781628.8,   346.2,   1259.2,   0.0);   (401588.9, 3781628.8,   345.9,   1259.2,   0.0);
     (401608.9, 3781628.8,   345.7,   1259.2,   0.0);   (401628.9, 3781628.8,   344.0,   1259.2,   0.0);
     (401648.9, 3781628.8,   343.5,   1259.2,   0.0);   (401668.9, 3781628.8,   342.6,   1259.2,   0.0);
     (401688.9, 3781628.8,   341.8,   1259.2,   0.0);   (401708.9, 3781628.8,   342.0,   1259.2,   0.0);
     (401728.9, 3781628.8,   341.8,   1259.2,   0.0);   (401748.9, 3781628.8,   342.1,   1259.2,   0.0);
     (401768.9, 3781628.8,   342.1,   1259.2,   0.0);   (401788.9, 3781628.8,   342.2,   1259.2,   0.0);
     (402128.9, 3781628.8,   338.9,   1259.2,   0.0);   (402148.9, 3781628.8,   338.7,   1259.2,   0.0);
     (402168.9, 3781628.8,   338.3,   1259.2,   0.0);   (402188.9, 3781628.8,   337.4,   1259.2,   0.0);
     (402208.9, 3781628.8,   336.8,   1259.2,   0.0);   (402228.9, 3781628.8,   336.3,   1259.2,   0.0);
     (402248.9, 3781628.8,   335.2,   1259.2,   0.0);   (402268.9, 3781628.8,   335.5,   1259.2,   0.0);
     (402288.9, 3781628.8,   342.4,   1259.2,   0.0);   (402308.9, 3781628.8,   346.7,   1259.2,   0.0);
     (402328.9, 3781628.8,   345.2,   1259.2,   0.0);   (402348.9, 3781628.8,   336.9,   1259.2,   0.0);
     (402368.9, 3781628.8,   335.6,   1259.2,   0.0);   (402388.9, 3781628.8,   341.0,   1259.2,   0.0);
     (402408.9, 3781628.8,   342.3,   1259.2,   0.0);   (402428.9, 3781628.8,   339.5,   1259.2,   0.0);
     (402448.9, 3781628.8,   339.4,   1259.2,   0.0);   (402468.9, 3781628.8,   339.9,   1259.2,   0.0);
     (402488.9, 3781628.8,   340.2,   1259.2,   0.0);   (402508.9, 3781628.8,   340.2,   1259.2,   0.0);
     (401308.9, 3781648.8,   356.7,   1259.2,   0.0);   (401328.9, 3781648.8,   356.3,   1259.2,   0.0);

```
     ( 401348.9, 3781648.8,     356.2,    1259.2,       0.0);         ( 401368.9,
3781648.8,     355.9,    1259.2,       0.0);
     ( 401388.9, 3781648.8,     355.2,    1259.2,       0.0);         ( 401408.9,
3781648.8,     354.7,    1259.2,       0.0);
     ( 401428.9, 3781648.8,     354.0,    1259.2,       0.0);         ( 401448.9,
3781648.8,     353.3,    1259.2,       0.0);
     ( 401468.9, 3781648.8,     352.4,    1259.2,       0.0);         ( 401488.9,
3781648.8,     351.5,    1259.2,       0.0);
     ( 401508.9, 3781648.8,     350.3,    1259.2,       0.0);         ( 401528.9,
3781648.8,     349.1,    1259.2,       0.0);
     ( 401548.9, 3781648.8,     347.9,    1259.2,       0.0);         ( 401568.9,
3781648.8,     347.2,    1259.2,       0.0);
     ( 401588.9, 3781648.8,     346.1,    1259.2,       0.0);         ( 401608.9,
3781648.8,     345.9,    1259.2,       0.0);
     ( 401628.9, 3781648.8,     344.2,    1259.2,       0.0);         ( 401648.9,
3781648.8,     344.1,    1259.2,       0.0);
     ( 401668.9, 3781648.8,     343.8,    1259.2,       0.0);         ( 401688.9,
3781648.8,     343.2,    1259.2,       0.0);
     ( 401708.9, 3781648.8,     343.4,    1259.2,       0.0);         ( 401728.9,
3781648.8,     343.2,    1259.2,       0.0);
     ( 401748.9, 3781648.8,     343.5,    1259.2,       0.0);         ( 401768.9,
3781648.8,     343.4,    1259.2,       0.0);
     ( 401788.9, 3781648.8,     343.7,    1259.2,       0.0);         ( 402108.9,
3781648.8,     341.4,    1259.2,       0.0);
     ( 402128.9, 3781648.8,     340.4,    1259.2,       0.0);         ( 402148.9,
3781648.8,     340.4,    1259.2,       0.0);
     ( 402168.9, 3781648.8,     339.9,    1259.2,       0.0);         ( 402188.9,
3781648.8,     338.6,    1259.2,       0.0);
     ( 402208.9, 3781648.8,     338.1,    1259.2,       0.0);         ( 402228.9,
3781648.8,     337.7,    1259.2,       0.0);
     ( 402248.9, 3781648.8,     337.4,    1259.2,       0.0);         ( 402268.9,
3781648.8,     346.0,    1259.2,       0.0);
     ( 402288.9, 3781648.8,     349.7,    1259.2,       0.0);         ( 402308.9,
3781648.8,     349.0,    1259.2,       0.0);
     ( 402328.9, 3781648.8,     342.7,    1259.2,       0.0);         ( 402348.9,
3781648.8,     337.8,    1259.2,       0.0);
     ( 402368.9, 3781648.8,     337.4,    1259.2,       0.0);         ( 402388.9,
3781648.8,     344.2,    1259.2,       0.0);
     ( 402408.9, 3781648.8,     346.3,    1259.2,       0.0);         ( 402428.9,
3781648.8,     341.9,    1259.2,       0.0);
     ( 402448.9, 3781648.8,     342.2,    1259.2,       0.0);         ( 402468.9,
3781648.8,     341.9,    1259.2,       0.0);
     ( 402488.9, 3781648.8,     342.2,    1259.2,       0.0);         ( 402508.9,
3781648.8,     342.4,    1259.2,       0.0);
     ( 401308.9, 3781668.8,     358.3,    1259.2,       0.0);         ( 401328.9,
3781668.8,     358.1,    1259.2,       0.0);
     ( 401348.9, 3781668.8,     357.9,    1259.2,       0.0);         ( 401368.9,
3781668.8,     357.7,    1259.2,       0.0);
     ( 401388.9, 3781668.8,     357.1,    1259.2,       0.0);         ( 401408.9,
3781668.8,     356.3,    1259.2,       0.0);
```

(401428.9, 3781668.8, 355.7, 1259.2, 0.0); (401448.9, 3781668.8, 355.0, 1259.2, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401468.9, 3781668.8, 353.7, 1259.2, 0.0); (401488.9, 3781668.8, 352.7, 1259.2, 0.0);
(401508.9, 3781668.8, 351.6, 1259.2, 0.0); (401528.9, 3781668.8, 350.9, 1259.2, 0.0);
(401548.9, 3781668.8, 349.2, 1259.2, 0.0); (401568.9, 3781668.8, 349.2, 1259.2, 0.0);
(401588.9, 3781668.8, 348.1, 1259.2, 0.0); (401608.9, 3781668.8, 347.8, 1259.2, 0.0);
(401628.9, 3781668.8, 346.0, 1259.2, 0.0); (401648.9, 3781668.8, 345.5, 1259.2, 0.0);
(401668.9, 3781668.8, 345.6, 1259.2, 0.0); (401688.9, 3781668.8, 345.1, 1259.2, 0.0);
(401708.9, 3781668.8, 345.7, 1259.2, 0.0); (401728.9, 3781668.8, 345.2, 1259.2, 0.0);
(401748.9, 3781668.8, 345.9, 1259.2, 0.0); (401768.9, 3781668.8, 345.9, 1259.2, 0.0);
(401788.9, 3781668.8, 345.6, 1259.2, 0.0); (402108.9, 3781668.8, 343.1, 1259.2, 0.0);
(402128.9, 3781668.8, 342.0, 1259.2, 0.0); (402148.9, 3781668.8, 342.2, 1259.2, 0.0);
(402168.9, 3781668.8, 341.7, 1259.2, 0.0); (402188.9, 3781668.8, 341.9, 1259.2, 0.0);
(402208.9, 3781668.8, 341.4, 1259.2, 0.0); (402228.9, 3781668.8, 338.6, 1259.2, 0.0);
(402248.9, 3781668.8, 339.6, 1259.2, 0.0); (402268.9, 3781668.8, 349.5, 1259.2, 0.0);
(402288.9, 3781668.8, 351.7, 1259.2, 0.0); (402308.9, 3781668.8, 352.0, 1259.2, 0.0);
(402328.9, 3781668.8, 344.8, 1259.2, 0.0); (402348.9, 3781668.8, 340.6, 1259.2, 0.0);
(402368.9, 3781668.8, 339.3, 1259.2, 0.0); (402388.9, 3781668.8, 342.0, 1259.2, 0.0);
(402408.9, 3781668.8, 346.9, 1259.2, 0.0); (402428.9, 3781668.8, 344.1, 1259.2, 0.0);
(402448.9, 3781668.8, 344.1, 1259.2, 0.0); (402468.9, 3781668.8, 344.2, 1259.2, 0.0);

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     ( 402488.9, 3781668.8,     345.3,    1259.2,       0.0);         ( 402508.9,
3781668.8,     345.7,    1259.2,       0.0);
     ( 401308.9, 3781688.8,     359.0,    1259.2,       0.0);         ( 401328.9,
3781688.8,     358.9,    1259.2,       0.0);
     ( 401348.9, 3781688.8,     358.7,    1259.2,       0.0);         ( 401368.9,
3781688.8,     358.5,    1259.2,       0.0);
     ( 401388.9, 3781688.8,     358.0,    1259.2,       0.0);         ( 401408.9,
3781688.8,     357.0,    1259.2,       0.0);
     ( 401428.9, 3781688.8,     356.0,    1259.2,       0.0);         ( 401448.9,
3781688.8,     355.3,    1259.2,       0.0);
     ( 401468.9, 3781688.8,     354.3,    1259.2,       0.0);         ( 401488.9,
3781688.8,     353.3,    1259.2,       0.0);
     ( 401508.9, 3781688.8,     352.1,    1259.2,       0.0);         ( 401528.9,
3781688.8,     351.4,    1259.2,       0.0);
     ( 401548.9, 3781688.8,     350.5,    1259.2,       0.0);         ( 401568.9,
3781688.8,     349.7,    1259.2,       0.0);
     ( 401588.9, 3781688.8,     348.8,    1259.2,       0.0);         ( 401608.9,
3781688.8,     348.2,    1259.2,       0.0);
     ( 401628.9, 3781688.8,     347.7,    1259.2,       0.0);         ( 401648.9,
3781688.8,     347.4,    1259.2,       0.0);
     ( 401668.9, 3781688.8,     347.0,    1259.2,       0.0);         ( 401688.9,
3781688.8,     346.9,    1259.2,       0.0);
     ( 401708.9, 3781688.8,     347.1,    1259.2,       0.0);         ( 401728.9,
3781688.8,     347.3,    1259.2,       0.0);
     ( 401748.9, 3781688.8,     348.3,    1259.2,       0.0);         ( 401768.9,
3781688.8,     348.2,    1259.2,       0.0);
     ( 401788.9, 3781688.8,     347.6,    1259.2,       0.0);         ( 402088.9,
3781688.8,     346.5,    1259.2,       0.0);
     ( 402108.9, 3781688.8,     344.3,    1259.2,       0.0);         ( 402128.9,
3781688.8,     343.7,    1259.2,       0.0);
     ( 402148.9, 3781688.8,     344.0,    1259.2,       0.0);         ( 402168.9,
3781688.8,     343.6,    1259.2,       0.0);
     ( 402188.9, 3781688.8,     343.4,    1259.2,       0.0);         ( 402208.9,
3781688.8,     342.0,    1259.2,       0.0);
     ( 402228.9, 3781688.8,     343.0,    1259.2,       0.0);         ( 402248.9,
3781688.8,     346.4,    1259.2,       0.0);
     ( 402268.9, 3781688.8,     347.0,    1259.2,       0.0);         ( 402288.9,
3781688.8,     354.9,    1259.2,       0.0);
     ( 402308.9, 3781688.8,     354.2,    1259.2,       0.0);         ( 402328.9,
3781688.8,     350.5,    1259.2,       0.0);
     ( 402348.9, 3781688.8,     345.9,    1259.2,       0.0);         ( 402368.9,
3781688.8,     341.3,    1259.2,       0.0);
     ( 402388.9, 3781688.8,     345.3,    1259.2,       0.0);         ( 402408.9,
3781688.8,     346.7,    1259.2,       0.0);
     ( 402428.9, 3781688.8,     346.2,    1259.2,       0.0);         ( 402448.9,
3781688.8,     346.2,    1259.2,       0.0);
     ( 402468.9, 3781688.8,     346.6,    1259.2,       0.0);         ( 402488.9,
3781688.8,     347.4,    1259.2,       0.0);
     ( 402508.9, 3781688.8,     348.5,    1259.2,       0.0);         ( 401308.9,
3781708.8,     362.7,    1259.2,       0.0);
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(401328.9, 3781708.8, 362.9, 1259.2, 0.0); (401348.9, 3781708.8, 362.4, 1259.2, 0.0);
(401368.9, 3781708.8, 362.1, 1259.2, 0.0); (401388.9, 3781708.8, 361.2, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401408.9, 3781708.8, 360.3, 1259.2, 0.0); (401428.9, 3781708.8, 359.5, 1259.2, 0.0);
(401448.9, 3781708.8, 358.4, 1259.2, 0.0); (401468.9, 3781708.8, 357.5, 1259.2, 0.0);
(401488.9, 3781708.8, 356.4, 1259.2, 0.0); (401508.9, 3781708.8, 355.3, 1259.2, 0.0);
(401528.9, 3781708.8, 353.2, 1259.2, 0.0); (401548.9, 3781708.8, 351.4, 1259.2, 0.0);
(401568.9, 3781708.8, 350.7, 1259.2, 0.0); (401588.9, 3781708.8, 349.8, 1259.2, 0.0);
(401608.9, 3781708.8, 349.6, 1259.2, 0.0); (401628.9, 3781708.8, 349.6, 1259.2, 0.0);
(401648.9, 3781708.8, 349.5, 1259.2, 0.0); (401668.9, 3781708.8, 349.9, 1259.2, 0.0);
(401688.9, 3781708.8, 349.0, 1259.2, 0.0); (401708.9, 3781708.8, 349.9, 1259.2, 0.0);
(401728.9, 3781708.8, 349.5, 1259.2, 0.0); (401748.9, 3781708.8, 350.5, 1259.2, 0.0);
(401768.9, 3781708.8, 350.8, 1259.2, 0.0); (401788.9, 3781708.8, 349.8, 1259.2, 0.0);
(402088.9, 3781708.8, 349.6, 1259.2, 0.0); (402108.9, 3781708.8, 346.7, 1259.2, 0.0);
(402128.9, 3781708.8, 347.5, 1259.2, 0.0); (402148.9, 3781708.8, 347.9, 1259.2, 0.0);
(402168.9, 3781708.8, 348.1, 1259.2, 0.0); (402188.9, 3781708.8, 347.4, 1259.2, 0.0);
(402208.9, 3781708.8, 344.2, 1259.2, 0.0); (402228.9, 3781708.8, 347.1, 1259.2, 0.0);
(402248.9, 3781708.8, 353.5, 1259.2, 0.0); (402268.9, 3781708.8, 346.6, 1259.2, 0.0);
(402288.9, 3781708.8, 356.6, 1259.2, 0.0); (402308.9, 3781708.8, 358.0, 1259.2, 0.0);
(402328.9, 3781708.8, 356.0, 1259.2, 0.0); (402348.9, 3781708.8, 346.9, 1259.2, 0.0);

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     ( 402368.9, 3781708.8,     344.0,    1259.2,       0.0);         ( 402388.9,
3781708.8,     349.1,    1259.2,       0.0);
     ( 402408.9, 3781708.8,     347.6,    1259.2,       0.0);         ( 402428.9,
3781708.8,     348.7,    1259.2,       0.0);
     ( 402448.9, 3781708.8,     349.5,    1259.2,       0.0);         ( 402468.9,
3781708.8,     348.9,    1259.2,       0.0);
     ( 402488.9, 3781708.8,     349.3,    1259.2,       0.0);         ( 402508.9,
3781708.8,     350.8,    1259.2,       0.0);
     ( 401308.9, 3781728.8,     363.3,    1259.2,       0.0);         ( 401328.9,
3781728.8,     363.2,    1259.2,       0.0);
     ( 401348.9, 3781728.8,     362.5,    1259.2,       0.0);         ( 401368.9,
3781728.8,     362.0,    1259.2,       0.0);
     ( 401388.9, 3781728.8,     361.4,    1259.2,       0.0);         ( 401408.9,
3781728.8,     360.5,    1259.2,       0.0);
     ( 401428.9, 3781728.8,     359.7,    1259.2,       0.0);         ( 401448.9,
3781728.8,     358.8,    1259.2,       0.0);
     ( 401468.9, 3781728.8,     357.8,    1259.2,       0.0);         ( 401488.9,
3781728.8,     356.9,    1259.2,       0.0);
     ( 401508.9, 3781728.8,     355.7,    1259.2,       0.0);         ( 401528.9,
3781728.8,     353.6,    1259.2,       0.0);
     ( 401548.9, 3781728.8,     352.4,    1259.2,       0.0);         ( 401568.9,
3781728.8,     351.8,    1259.2,       0.0);
     ( 401588.9, 3781728.8,     350.9,    1259.2,       0.0);         ( 401608.9,
3781728.8,     351.3,    1259.2,       0.0);
     ( 401628.9, 3781728.8,     351.1,    1259.2,       0.0);         ( 401648.9,
3781728.8,     351.3,    1259.2,       0.0);
     ( 401668.9, 3781728.8,     351.4,    1259.2,       0.0);         ( 401688.9,
3781728.8,     351.4,    1259.2,       0.0);
     ( 401708.9, 3781728.8,     351.3,    1259.2,       0.0);         ( 401728.9,
3781728.8,     351.4,    1259.2,       0.0);
     ( 401748.9, 3781728.8,     352.2,    1259.2,       0.0);         ( 401768.9,
3781728.8,     352.3,    1259.2,       0.0);
     ( 401788.9, 3781728.8,     351.7,    1259.2,       0.0);         ( 402088.9,
3781728.8,     352.2,    1259.2,       0.0);
     ( 402108.9, 3781728.8,     353.4,    1259.2,       0.0);         ( 402128.9,
3781728.8,     354.8,    1259.2,       0.0);
     ( 402148.9, 3781728.8,     354.8,    1259.2,       0.0);         ( 402168.9,
3781728.8,     355.0,    1259.2,       0.0);
     ( 402188.9, 3781728.8,     354.6,    1259.2,       0.0);         ( 402208.9,
3781728.8,     351.8,    1259.2,       0.0);
     ( 402228.9, 3781728.8,     351.1,    1259.2,       0.0);         ( 402248.9,
3781728.8,     354.0,    1259.2,       0.0);
     ( 402268.9, 3781728.8,     354.2,    1259.2,       0.0);         ( 402288.9,
3781728.8,     355.3,    1259.2,       0.0);
     ( 402308.9, 3781728.8,     360.9,    1259.2,       0.0);         ( 402328.9,
3781728.8,     355.0,    1259.2,       0.0);
     ( 402348.9, 3781728.8,     352.2,    1259.2,       0.0);         ( 402368.9,
3781728.8,     348.4,    1259.2,       0.0);
     ( 402388.9, 3781728.8,     350.6,    1259.2,       0.0);         ( 402408.9,
3781728.8,     349.2,    1259.2,       0.0);
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(402428.9, 3781728.8, 350.2, 1259.2, 0.0); (402448.9, 3781728.8, 351.0, 1259.2, 0.0);
(402468.9, 3781728.8, 351.4, 1259.2, 0.0); (402488.9, 3781728.8, 351.5, 1259.2, 0.0);
(402508.9, 3781728.8, 352.4, 1259.2, 0.0); (401308.9, 3781748.8, 364.2, 1259.2, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401328.9, 3781748.8, 363.9, 1259.2, 0.0); (401348.9, 3781748.8, 363.4, 1259.2, 0.0);
(401368.9, 3781748.8, 362.9, 1259.2, 0.0); (401388.9, 3781748.8, 362.2, 1259.2, 0.0);
(401408.9, 3781748.8, 361.4, 1259.2, 0.0); (401428.9, 3781748.8, 360.7, 1259.2, 0.0);
(401448.9, 3781748.8, 359.5, 1259.2, 0.0); (401468.9, 3781748.8, 358.9, 1259.2, 0.0);
(401488.9, 3781748.8, 357.9, 1259.2, 0.0); (401508.9, 3781748.8, 356.7, 1259.2, 0.0);
(401528.9, 3781748.8, 355.0, 1259.2, 0.0); (401548.9, 3781748.8, 353.5, 1259.2, 0.0);
(401568.9, 3781748.8, 353.1, 1259.2, 0.0); (401588.9, 3781748.8, 352.5, 1259.2, 0.0);
(401608.9, 3781748.8, 353.1, 1259.2, 0.0); (401628.9, 3781748.8, 353.1, 1259.2, 0.0);
(401648.9, 3781748.8, 353.2, 1259.2, 0.0); (401668.9, 3781748.8, 353.5, 1259.2, 0.0);
(401688.9, 3781748.8, 353.8, 1259.2, 0.0); (401708.9, 3781748.8, 353.6, 1259.2, 0.0);
(401728.9, 3781748.8, 353.9, 1259.2, 0.0); (401748.9, 3781748.8, 354.8, 1259.2, 0.0);
(401768.9, 3781748.8, 354.5, 1259.2, 0.0); (401788.9, 3781748.8, 354.0, 1259.2, 0.0);
(402068.9, 3781748.8, 354.5, 1259.2, 0.0); (402088.9, 3781748.8, 355.6, 1259.2, 0.0);
(402108.9, 3781748.8, 355.7, 1259.2, 0.0); (402128.9, 3781748.8, 351.3, 1259.2, 0.0);
(402148.9, 3781748.8, 350.1, 1259.2, 0.0); (402168.9, 3781748.8, 349.9, 1259.2, 0.0);
(402188.9, 3781748.8, 350.7, 1259.2, 0.0); (402208.9, 3781748.8, 353.6, 1259.2, 0.0);

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     ( 402228.9, 3781748.8,     355.4,    1259.2,       0.0);         ( 402248.9,
3781748.8,     355.1,    1259.2,       0.0);
     ( 402268.9, 3781748.8,     356.7,    1259.2,       0.0);         ( 402288.9,
3781748.8,     359.5,    1259.2,       0.0);
     ( 402308.9, 3781748.8,     363.9,    1259.2,       0.0);         ( 402328.9,
3781748.8,     363.3,    1259.2,       0.0);
     ( 402348.9, 3781748.8,     355.7,    1259.2,       0.0);         ( 402368.9,
3781748.8,     354.1,    1259.2,       0.0);
     ( 402388.9, 3781748.8,     353.4,    1259.2,       0.0);         ( 402408.9,
3781748.8,     353.0,    1259.2,       0.0);
     ( 402428.9, 3781748.8,     353.0,    1259.2,       0.0);         ( 402448.9,
3781748.8,     355.8,    1259.2,       0.0);
     ( 402468.9, 3781748.8,     353.7,    1259.2,       0.0);         ( 402488.9,
3781748.8,     354.7,    1259.2,       0.0);
     ( 402508.9, 3781748.8,     354.7,    1259.2,       0.0);         ( 401308.9,
3781768.8,     365.2,    1259.2,       0.0);
     ( 401328.9, 3781768.8,     364.9,    1259.2,       0.0);         ( 401348.9,
3781768.8,     364.3,    1259.2,       0.0);
     ( 401368.9, 3781768.8,     364.0,    1259.2,       0.0);         ( 401388.9,
3781768.8,     363.1,    1259.2,       0.0);
     ( 401408.9, 3781768.8,     362.5,    1259.2,       0.0);         ( 401428.9,
3781768.8,     362.0,    1259.2,       0.0);
     ( 401448.9, 3781768.8,     360.9,    1259.2,       0.0);         ( 401468.9,
3781768.8,     360.3,    1259.2,       0.0);
     ( 401488.9, 3781768.8,     359.6,    1259.2,       0.0);         ( 401508.9,
3781768.8,     358.2,    1259.2,       0.0);
     ( 401528.9, 3781768.8,     355.9,    1259.2,       0.0);         ( 401548.9,
3781768.8,     355.0,    1259.2,       0.0);
     ( 401568.9, 3781768.8,     354.4,    1259.2,       0.0);         ( 401588.9,
3781768.8,     354.2,    1259.2,       0.0);
     ( 401608.9, 3781768.8,     354.3,    1259.2,       0.0);         ( 401628.9,
3781768.8,     354.4,    1259.2,       0.0);
     ( 401648.9, 3781768.8,     354.7,    1259.2,       0.0);         ( 401668.9,
3781768.8,     354.7,    1259.2,       0.0);
     ( 401688.9, 3781768.8,     355.0,    1259.2,       0.0);         ( 401708.9,
3781768.8,     355.4,    1259.2,       0.0);
     ( 401728.9, 3781768.8,     356.0,    1259.2,       0.0);         ( 401748.9,
3781768.8,     356.7,    1259.2,       0.0);
     ( 401768.9, 3781768.8,     356.4,    1259.2,       0.0);         ( 401788.9,
3781768.8,     355.8,    1259.2,       0.0);
     ( 402068.9, 3781768.8,     356.6,    1259.2,       0.0);         ( 402088.9,
3781768.8,     358.1,    1259.2,       0.0);
     ( 402108.9, 3781768.8,     351.0,    1259.2,       0.0);         ( 402128.9,
3781768.8,     345.4,    1259.2,       0.0);
     ( 402148.9, 3781768.8,     344.3,    1259.2,       0.0);         ( 402168.9,
3781768.8,     344.6,    1259.2,       0.0);
     ( 402188.9, 3781768.8,     345.2,    1259.2,       0.0);         ( 402208.9,
3781768.8,     350.0,    1259.2,       0.0);
     ( 402228.9, 3781768.8,     359.5,    1259.2,       0.0);         ( 402248.9,
3781768.8,     358.6,    1259.2,       0.0);
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(402268.9, 3781768.8, 360.2, 1259.2, 0.0); (402288.9, 3781768.8, 362.7, 1259.2, 0.0);
(402308.9, 3781768.8, 365.9, 1259.2, 0.0); (402328.9, 3781768.8, 367.8, 1259.2, 0.0);
(402348.9, 3781768.8, 364.8, 1259.2, 0.0); (402368.9, 3781768.8, 361.2, 1259.2, 0.0);
(402388.9, 3781768.8, 358.8, 1259.2, 0.0); (402408.9, 3781768.8, 358.7, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(402428.9, 3781768.8, 358.8, 1259.2, 0.0); (402448.9, 3781768.8, 356.8, 1259.2, 0.0);
(402468.9, 3781768.8, 355.6, 1259.2, 0.0); (402488.9, 3781768.8, 356.0, 1259.2, 0.0);
(402508.9, 3781768.8, 355.9, 1259.2, 0.0); (401308.9, 3781788.8, 370.0, 1259.2, 0.0);
(401328.9, 3781788.8, 369.7, 1259.2, 0.0); (401348.9, 3781788.8, 368.8, 1259.2, 0.0);
(401368.9, 3781788.8, 367.8, 1259.2, 0.0); (401388.9, 3781788.8, 367.1, 1259.2, 0.0);
(401408.9, 3781788.8, 365.9, 1259.2, 0.0); (401428.9, 3781788.8, 365.7, 1259.2, 0.0);
(401448.9, 3781788.8, 364.2, 1259.2, 0.0); (401468.9, 3781788.8, 363.2, 1259.2, 0.0);
(401488.9, 3781788.8, 362.5, 1259.2, 0.0); (401508.9, 3781788.8, 361.0, 1259.2, 0.0);
(401528.9, 3781788.8, 358.4, 1259.2, 0.0); (401548.9, 3781788.8, 356.8, 1259.2, 0.0);
(401568.9, 3781788.8, 356.0, 1259.2, 0.0); (401588.9, 3781788.8, 356.3, 1259.2, 0.0);
(401608.9, 3781788.8, 356.5, 1259.2, 0.0); (401628.9, 3781788.8, 356.9, 1259.2, 0.0);
(401648.9, 3781788.8, 357.1, 1259.2, 0.0); (401668.9, 3781788.8, 357.7, 1259.2, 0.0);
(401688.9, 3781788.8, 359.2, 1259.2, 0.0); (401708.9, 3781788.8, 359.9, 1259.2, 0.0);
(401728.9, 3781788.8, 360.1, 1259.2, 0.0); (401748.9, 3781788.8, 361.6, 1259.2, 0.0);
(401768.9, 3781788.8, 358.9, 1259.2, 0.0); (401788.9, 3781788.8, 358.3, 1259.2, 0.0);

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     ( 402068.9, 3781788.8,     359.0,    1259.2,       0.0);         ( 402088.9,
3781788.8,     357.7,    1259.2,       0.0);
     ( 402108.9, 3781788.8,     353.7,    1259.2,       0.0);         ( 402128.9,
3781788.8,     346.1,    1259.2,       0.0);
     ( 402148.9, 3781788.8,     344.9,    1259.2,       0.0);         ( 402168.9,
3781788.8,     345.0,    1259.2,       0.0);
     ( 402188.9, 3781788.8,     345.3,    1259.2,       0.0);         ( 402208.9,
3781788.8,     351.9,    1259.2,       0.0);
     ( 402228.9, 3781788.8,     364.3,    1259.2,       0.0);         ( 402248.9,
3781788.8,     363.1,    1259.2,       0.0);
     ( 402268.9, 3781788.8,     364.6,    1259.2,       0.0);         ( 402288.9,
3781788.8,     367.7,    1259.2,       0.0);
     ( 402308.9, 3781788.8,     369.1,    1259.2,       0.0);         ( 402328.9,
3781788.8,     370.3,    1259.2,       0.0);
     ( 402348.9, 3781788.8,     370.3,    1259.2,       0.0);         ( 402368.9,
3781788.8,     362.4,    1259.2,       0.0);
     ( 402388.9, 3781788.8,     358.9,    1259.2,       0.0);         ( 402408.9,
3781788.8,     358.8,    1259.2,       0.0);
     ( 402428.9, 3781788.8,     358.7,    1259.2,       0.0);         ( 402448.9,
3781788.8,     357.8,    1259.2,       0.0);
     ( 402468.9, 3781788.8,     357.3,    1259.2,       0.0);         ( 402488.9,
3781788.8,     358.5,    1259.2,       0.0);
     ( 402508.9, 3781788.8,     358.9,    1259.2,       0.0);         ( 401308.9,
3781808.8,     370.8,    1259.2,       0.0);
     ( 401328.9, 3781808.8,     370.7,    1259.2,       0.0);         ( 401348.9,
3781808.8,     370.1,    1259.2,       0.0);
     ( 401368.9, 3781808.8,     369.5,    1259.2,       0.0);         ( 401388.9,
3781808.8,     369.0,    1259.2,       0.0);
     ( 401408.9, 3781808.8,     368.3,    1259.2,       0.0);         ( 401428.9,
3781808.8,     367.3,    1259.2,       0.0);
     ( 401448.9, 3781808.8,     366.0,    1259.2,       0.0);         ( 401468.9,
3781808.8,     365.0,    1259.2,       0.0);
     ( 401488.9, 3781808.8,     364.2,    1259.2,       0.0);         ( 401508.9,
3781808.8,     362.9,    1259.2,       0.0);
     ( 401528.9, 3781808.8,     359.9,    1259.2,       0.0);         ( 401548.9,
3781808.8,     358.4,    1259.2,       0.0);
     ( 401568.9, 3781808.8,     358.4,    1259.2,       0.0);         ( 401588.9,
3781808.8,     358.4,    1259.2,       0.0);
     ( 401608.9, 3781808.8,     358.5,    1259.2,       0.0);         ( 401628.9,
3781808.8,     359.4,    1259.2,       0.0);
     ( 401648.9, 3781808.8,     362.7,    1259.2,       0.0);         ( 401668.9,
3781808.8,     364.2,    1259.2,       0.0);
     ( 401688.9, 3781808.8,     364.4,    1259.2,       0.0);         ( 401708.9,
3781808.8,     364.1,    1259.2,       0.0);
     ( 401728.9, 3781808.8,     364.0,    1259.2,       0.0);         ( 401748.9,
3781808.8,     363.7,    1259.2,       0.0);
     ( 401768.9, 3781808.8,     363.6,    1259.2,       0.0);         ( 401788.9,
3781808.8,     361.0,    1259.2,       0.0);
     ( 402068.9, 3781808.8,     360.6,    1259.2,       0.0);         ( 402088.9,
3781808.8,     360.4,    1259.2,       0.0);
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(402108.9, 3781808.8, 355.6, 1259.2, 0.0); (402128.9, 3781808.8, 351.4, 1259.2, 0.0);
(402148.9, 3781808.8, 345.7, 1259.2, 0.0); (402168.9, 3781808.8, 345.7, 1259.2, 0.0);
(402188.9, 3781808.8, 345.6, 1259.2, 0.0); (402208.9, 3781808.8, 352.9, 1259.2, 0.0);
(402228.9, 3781808.8, 365.1, 1259.2, 0.0); (402248.9, 3781808.8, 367.5, 1259.2, 0.0);
(402268.9, 3781808.8, 366.3, 1259.2, 0.0); (402288.9, 3781808.8, 369.8, 1259.2, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(402308.9, 3781808.8, 371.2, 1259.2, 0.0); (402328.9, 3781808.8, 372.1, 1259.2, 0.0);
(402348.9, 3781808.8, 371.9, 1259.2, 0.0); (402368.9, 3781808.8, 362.6, 1259.2, 0.0);
(402388.9, 3781808.8, 359.2, 1259.2, 0.0); (402408.9, 3781808.8, 359.3, 1259.2, 0.0);
(402428.9, 3781808.8, 359.8, 1259.2, 0.0); (402448.9, 3781808.8, 359.8, 1259.2, 0.0);
(402468.9, 3781808.8, 359.1, 1259.2, 0.0); (402488.9, 3781808.8, 360.8, 1259.2, 0.0);
(402508.9, 3781808.8, 361.2, 1259.2, 0.0); (401308.9, 3781828.8, 371.4, 1259.2, 0.0);
(401328.9, 3781828.8, 370.9, 1259.2, 0.0); (401348.9, 3781828.8, 370.3, 1259.2, 0.0);
(401368.9, 3781828.8, 369.8, 1259.2, 0.0); (401388.9, 3781828.8, 369.2, 1259.2, 0.0);
(401408.9, 3781828.8, 368.7, 1259.2, 0.0); (401428.9, 3781828.8, 368.0, 1259.2, 0.0);
(401448.9, 3781828.8, 366.8, 1259.2, 0.0); (401468.9, 3781828.8, 365.6, 1259.2, 0.0);
(401488.9, 3781828.8, 364.4, 1259.2, 0.0); (401508.9, 3781828.8, 363.0, 1259.2, 0.0);
(401528.9, 3781828.8, 361.4, 1259.2, 0.0); (401548.9, 3781828.8, 360.1, 1259.2, 0.0);
(401568.9, 3781828.8, 359.5, 1259.2, 0.0); (401588.9, 3781828.8, 360.2, 1259.2, 0.0);
(401608.9, 3781828.8, 363.1, 1259.2, 0.0); (401628.9, 3781828.8, 365.1, 1259.2, 0.0);

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     ( 401648.9, 3781828.8,     364.9,    1259.2,       0.0);         ( 401668.9,
3781828.8,     364.6,    1259.2,       0.0);
     ( 401688.9, 3781828.8,     364.3,    1259.2,       0.0);         ( 401708.9,
3781828.8,     364.1,    1259.2,       0.0);
     ( 401728.9, 3781828.8,     364.3,    1259.2,       0.0);         ( 401748.9,
3781828.8,     363.6,    1259.2,       0.0);
     ( 401768.9, 3781828.8,     364.4,    1259.2,       0.0);         ( 401788.9,
3781828.8,     363.5,    1259.2,       0.0);
     ( 402068.9, 3781828.8,     362.8,    1259.2,       0.0);         ( 402088.9,
3781828.8,     362.4,    1259.2,       0.0);
     ( 402108.9, 3781828.8,     358.7,    1259.2,       0.0);         ( 402128.9,
3781828.8,     355.7,    1259.2,       0.0);
     ( 402148.9, 3781828.8,     349.6,    1259.2,       0.0);         ( 402168.9,
3781828.8,     347.5,    1259.2,       0.0);
     ( 402188.9, 3781828.8,     347.2,    1259.2,       0.0);         ( 402208.9,
3781828.8,     352.5,    1259.2,       0.0);
     ( 402228.9, 3781828.8,     367.5,    1259.2,       0.0);         ( 402248.9,
3781828.8,     368.9,    1259.2,       0.0);
     ( 402268.9, 3781828.8,     369.3,    1259.2,       0.0);         ( 402288.9,
3781828.8,     371.1,    1259.2,       0.0);
     ( 402308.9, 3781828.8,     373.1,    1259.2,       0.0);         ( 402328.9,
3781828.8,     374.7,    1259.2,       0.0);
     ( 402348.9, 3781828.8,     375.2,    1259.2,       0.0);         ( 402368.9,
3781828.8,     369.1,    1259.2,       0.0);
     ( 402388.9, 3781828.8,     361.4,    1259.2,       0.0);         ( 402408.9,
3781828.8,     360.7,    1259.2,       0.0);
     ( 402428.9, 3781828.8,     362.3,    1259.2,       0.0);         ( 402448.9,
3781828.8,     362.4,    1259.2,       0.0);
     ( 402468.9, 3781828.8,     361.5,    1259.2,       0.0);         ( 402488.9,
3781828.8,     362.8,    1259.2,       0.0);
     ( 402508.9, 3781828.8,     362.9,    1259.2,       0.0);         ( 401308.9,
3781848.8,     373.0,    1259.2,       0.0);
     ( 401328.9, 3781848.8,     372.6,    1259.2,       0.0);         ( 401348.9,
3781848.8,     372.0,    1259.2,       0.0);
     ( 401368.9, 3781848.8,     371.5,    1259.2,       0.0);         ( 401388.9,
3781848.8,     370.8,    1259.2,       0.0);
     ( 401408.9, 3781848.8,     370.2,    1259.2,       0.0);         ( 401428.9,
3781848.8,     369.4,    1259.2,       0.0);
     ( 401448.9, 3781848.8,     368.4,    1259.2,       0.0);         ( 401468.9,
3781848.8,     367.7,    1259.2,       0.0);
     ( 401488.9, 3781848.8,     365.9,    1259.2,       0.0);         ( 401508.9,
3781848.8,     365.1,    1259.2,       0.0);
     ( 401528.9, 3781848.8,     363.5,    1259.2,       0.0);         ( 401548.9,
3781848.8,     361.9,    1259.2,       0.0);
     ( 401568.9, 3781848.8,     363.3,    1259.2,       0.0);         ( 401588.9,
3781848.8,     365.5,    1259.2,       0.0);
     ( 401608.9, 3781848.8,     365.7,    1259.2,       0.0);         ( 401628.9,
3781848.8,     365.3,    1259.2,       0.0);
     ( 401648.9, 3781848.8,     364.9,    1259.2,       0.0);         ( 401668.9,
3781848.8,     365.1,    1259.2,       0.0);
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(401688.9, 3781848.8, 365.5, 1259.2, 0.0); (401708.9, 3781848.8, 365.1, 1259.2, 0.0);
(401728.9, 3781848.8, 364.7, 1259.2, 0.0); (401748.9, 3781848.8, 364.9, 1259.2, 0.0);
(401768.9, 3781848.8, 365.7, 1259.2, 0.0); (401788.9, 3781848.8, 366.2, 1259.2, 0.0);
(401908.9, 3781848.8, 365.4, 1259.2, 0.0); (401928.9, 3781848.8, 366.4, 1259.2, 0.0);
(401948.9, 3781848.8, 367.6, 1259.2, 0.0); (401968.9, 3781848.8, 367.9, 1259.2, 0.0);
(401988.9, 3781848.8, 367.7, 1259.2, 0.0); (402008.9, 3781848.8, 367.5, 1259.2, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(402028.9, 3781848.8, 367.5, 1259.2, 0.0); (402048.9, 3781848.8, 366.0, 1259.2, 0.0);
(402068.9, 3781848.8, 365.8, 1259.2, 0.0); (402088.9, 3781848.8, 364.5, 1259.2, 0.0);
(402108.9, 3781848.8, 364.3, 1259.2, 0.0); (402128.9, 3781848.8, 359.0, 1259.2, 0.0);
(402148.9, 3781848.8, 357.0, 1259.2, 0.0); (402168.9, 3781848.8, 350.3, 1259.2, 0.0);
(402188.9, 3781848.8, 349.1, 1259.2, 0.0); (402208.9, 3781848.8, 351.2, 1259.2, 0.0);
(402228.9, 3781848.8, 358.8, 1259.2, 0.0); (402248.9, 3781848.8, 367.8, 1259.2, 0.0);
(402268.9, 3781848.8, 372.1, 1259.2, 0.0); (402288.9, 3781848.8, 373.1, 1259.2, 0.0);
(402308.9, 3781848.8, 375.4, 1259.2, 0.0); (402328.9, 3781848.8, 376.1, 1259.2, 0.0);
(402348.9, 3781848.8, 376.1, 1259.2, 0.0); (402368.9, 3781848.8, 368.5, 1259.2, 0.0);
(402388.9, 3781848.8, 362.6, 1259.2, 0.0); (402408.9, 3781848.8, 362.7, 1259.2, 0.0);
(402428.9, 3781848.8, 364.3, 1259.2, 0.0); (402448.9, 3781848.8, 364.2, 1259.2, 0.0);
(402468.9, 3781848.8, 364.1, 1259.2, 0.0); (402488.9, 3781848.8, 364.7, 1259.2, 0.0);
(402508.9, 3781848.8, 364.9, 1259.2, 0.0); (401308.9, 3781868.8, 374.3, 1259.2, 0.0);

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     ( 401328.9, 3781868.8,     374.4,    1259.2,       0.0);         ( 401348.9,
3781868.8,     373.8,    1259.2,       0.0);
     ( 401368.9, 3781868.8,     373.2,    1259.2,       0.0);         ( 401388.9,
3781868.8,     372.5,    1259.2,       0.0);
     ( 401408.9, 3781868.8,     372.0,    1259.2,       0.0);         ( 401428.9,
3781868.8,     371.9,    1259.2,       0.0);
     ( 401448.9, 3781868.8,     370.8,    1259.2,       0.0);         ( 401468.9,
3781868.8,     369.9,    1259.2,       0.0);
     ( 401488.9, 3781868.8,     367.7,    1259.2,       0.0);         ( 401508.9,
3781868.8,     366.1,    1259.2,       0.0);
     ( 401528.9, 3781868.8,     364.8,    1259.2,       0.0);         ( 401548.9,
3781868.8,     363.6,    1259.2,       0.0);
     ( 401568.9, 3781868.8,     365.3,    1259.2,       0.0);         ( 401588.9,
3781868.8,     365.8,    1259.2,       0.0);
     ( 401608.9, 3781868.8,     365.6,    1259.2,       0.0);         ( 401628.9,
3781868.8,     365.7,    1259.2,       0.0);
     ( 401648.9, 3781868.8,     366.0,    1259.2,       0.0);         ( 401668.9,
3781868.8,     366.1,    1259.2,       0.0);
     ( 401688.9, 3781868.8,     366.4,    1259.2,       0.0);         ( 401708.9,
3781868.8,     369.6,    1259.2,       0.0);
     ( 401728.9, 3781868.8,     367.5,    1259.2,       0.0);         ( 401748.9,
3781868.8,     368.8,    1259.2,       0.0);
     ( 401768.9, 3781868.8,     369.4,    1259.2,       0.0);         ( 401788.9,
3781868.8,     369.4,    1259.2,       0.0);
     ( 401888.9, 3781868.8,     366.4,    1259.2,       0.0);         ( 401908.9,
3781868.8,     368.3,    1259.2,       0.0);
     ( 401928.9, 3781868.8,     368.7,    1259.2,       0.0);         ( 401948.9,
3781868.8,     369.4,    1259.2,       0.0);
     ( 401968.9, 3781868.8,     369.5,    1259.2,       0.0);         ( 401988.9,
3781868.8,     369.6,    1259.2,       0.0);
     ( 402008.9, 3781868.8,     368.4,    1259.2,       0.0);         ( 402028.9,
3781868.8,     368.7,    1259.2,       0.0);
     ( 402048.9, 3781868.8,     368.7,    1259.2,       0.0);         ( 402068.9,
3781868.8,     367.0,    1259.2,       0.0);
     ( 402088.9, 3781868.8,     367.2,    1259.2,       0.0);         ( 402108.9,
3781868.8,     367.0,    1259.2,       0.0);
     ( 402128.9, 3781868.8,     360.5,    1259.2,       0.0);         ( 402148.9,
3781868.8,     359.7,    1259.2,       0.0);
     ( 402168.9, 3781868.8,     358.7,    1259.2,       0.0);         ( 402188.9,
3781868.8,     357.0,    1259.2,       0.0);
     ( 402208.9, 3781868.8,     353.8,    1259.2,       0.0);         ( 402228.9,
3781868.8,     359.1,    1259.2,       0.0);
     ( 402248.9, 3781868.8,     366.2,    1259.2,       0.0);         ( 402268.9,
3781868.8,     373.6,    1259.2,       0.0);
     ( 402288.9, 3781868.8,     375.6,    1259.2,       0.0);         ( 402308.9,
3781868.8,     377.4,    1259.2,       0.0);
     ( 402328.9, 3781868.8,     378.7,    1259.2,       0.0);         ( 402348.9,
3781868.8,     378.3,    1259.2,       0.0);
     ( 402368.9, 3781868.8,     368.3,    1259.2,       0.0);         ( 402388.9,
3781868.8,     365.1,    1259.2,       0.0);
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(402408.9, 3781868.8, 366.4, 1259.2, 0.0); (402428.9, 3781868.8, 367.2, 1259.2, 0.0);
(402448.9, 3781868.8, 367.1, 1259.2, 0.0); (402468.9, 3781868.8, 366.7, 1259.2, 0.0);
(402488.9, 3781868.8, 367.9, 1259.2, 0.0); (402508.9, 3781868.8, 368.2, 1259.2, 0.0);
(401308.9, 3781888.8, 378.5, 1259.2, 0.0); (401328.9, 3781888.8, 378.6, 1259.2, 0.0);
(401348.9, 3781888.8, 378.3, 1259.2, 0.0); (401368.9, 3781888.8, 378.1, 1259.2, 0.0);
(401388.9, 3781888.8, 377.8, 1259.2, 0.0); (401408.9, 3781888.8, 377.2, 1259.2, 0.0);
(401428.9, 3781888.8, 376.5, 1259.2, 0.0); (401448.9, 3781888.8, 375.3, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401468.9, 3781888.8, 374.3, 1259.2, 0.0); (401488.9, 3781888.8, 370.8, 1259.2, 0.0);
(401508.9, 3781888.8, 369.6, 1259.2, 0.0); (401528.9, 3781888.8, 366.9, 1259.2, 0.0);
(401548.9, 3781888.8, 365.4, 1259.2, 0.0); (401568.9, 3781888.8, 365.9, 1259.2, 0.0);
(401588.9, 3781888.8, 366.0, 1259.2, 0.0); (401608.9, 3781888.8, 366.5, 1259.2, 0.0);
(401628.9, 3781888.8, 366.6, 1259.2, 0.0); (401648.9, 3781888.8, 366.8, 1259.2, 0.0);
(401668.9, 3781888.8, 369.7, 1259.2, 0.0); (401688.9, 3781888.8, 373.2, 1259.2, 0.0);
(401708.9, 3781888.8, 373.7, 1259.2, 0.0); (401728.9, 3781888.8, 372.2, 1259.2, 0.0);
(401748.9, 3781888.8, 369.7, 1259.2, 0.0); (401768.9, 3781888.8, 372.1, 1259.2, 0.0);
(401788.9, 3781888.8, 372.2, 1259.2, 0.0); (401808.9, 3781888.8, 372.9, 1259.2, 0.0);
(401828.9, 3781888.8, 370.7, 1259.2, 0.0); (401848.9, 3781888.8, 369.1, 1259.2, 0.0);
(401868.9, 3781888.8, 368.4, 1259.2, 0.0); (401888.9, 3781888.8, 369.1, 1259.2, 0.0);
(401908.9, 3781888.8, 370.3, 1259.2, 0.0); (401928.9, 3781888.8, 371.1, 1259.2, 0.0);

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     ( 401948.9, 3781888.8,     372.2,    1259.2,       0.0);         ( 401968.9,
3781888.8,     373.9,    1259.2,       0.0);
     ( 401988.9, 3781888.8,     373.4,    1259.2,       0.0);         ( 402008.9,
3781888.8,     370.7,    1259.2,       0.0);
     ( 402028.9, 3781888.8,     370.6,    1259.2,       0.0);         ( 402048.9,
3781888.8,     371.6,    1259.2,       0.0);
     ( 402068.9, 3781888.8,     370.3,    1259.2,       0.0);         ( 402088.9,
3781888.8,     369.7,    1259.2,       0.0);
     ( 402108.9, 3781888.8,     368.8,    1259.2,       0.0);         ( 402128.9,
3781888.8,     368.8,    1259.2,       0.0);
     ( 402148.9, 3781888.8,     363.4,    1259.2,       0.0);         ( 402168.9,
3781888.8,     360.9,    1259.2,       0.0);
     ( 402188.9, 3781888.8,     360.4,    1259.2,       0.0);         ( 402208.9,
3781888.8,     358.0,    1259.2,       0.0);
     ( 402228.9, 3781888.8,     357.9,    1259.2,       0.0);         ( 402248.9,
3781888.8,     366.9,    1259.2,       0.0);
     ( 402268.9, 3781888.8,     376.5,    1259.2,       0.0);         ( 402288.9,
3781888.8,     378.0,    1259.2,       0.0);
     ( 402308.9, 3781888.8,     378.8,    1259.2,       0.0);         ( 402328.9,
3781888.8,     379.2,    1259.2,       0.0);
     ( 402348.9, 3781888.8,     375.8,    1259.2,       0.0);         ( 402368.9,
3781888.8,     367.8,    1259.2,       0.0);
     ( 402388.9, 3781888.8,     366.8,    1259.2,       0.0);         ( 402408.9,
3781888.8,     368.9,    1259.2,       0.0);
     ( 402428.9, 3781888.8,     370.3,    1259.2,       0.0);         ( 402448.9,
3781888.8,     370.2,    1259.2,       0.0);
     ( 402468.9, 3781888.8,     369.2,    1259.2,       0.0);         ( 402488.9,
3781888.8,     369.3,    1259.2,       0.0);
     ( 402508.9, 3781888.8,     369.6,    1259.2,       0.0);         ( 401308.9,
3781908.8,     378.5,    1259.2,       0.0);
     ( 401328.9, 3781908.8,     378.3,    1259.2,       0.0);         ( 401348.9,
3781908.8,     378.1,    1259.2,       0.0);
     ( 401368.9, 3781908.8,     377.8,    1259.2,       0.0);         ( 401388.9,
3781908.8,     377.6,    1259.2,       0.0);
     ( 401408.9, 3781908.8,     377.4,    1259.2,       0.0);         ( 401428.9,
3781908.8,     377.0,    1259.2,       0.0);
     ( 401448.9, 3781908.8,     376.1,    1259.2,       0.0);         ( 401468.9,
3781908.8,     374.6,    1259.2,       0.0);
     ( 401488.9, 3781908.8,     372.7,    1259.2,       0.0);         ( 401508.9,
3781908.8,     370.3,    1259.2,       0.0);
     ( 401528.9, 3781908.8,     368.3,    1259.2,       0.0);         ( 401548.9,
3781908.8,     367.9,    1259.2,       0.0);
     ( 401568.9, 3781908.8,     368.1,    1259.2,       0.0);         ( 401588.9,
3781908.8,     367.2,    1259.2,       0.0);
     ( 401608.9, 3781908.8,     367.3,    1259.2,       0.0);         ( 401628.9,
3781908.8,     369.6,    1259.2,       0.0);
     ( 401648.9, 3781908.8,     373.5,    1259.2,       0.0);         ( 401668.9,
3781908.8,     374.2,    1259.2,       0.0);
     ( 401688.9, 3781908.8,     373.8,    1259.2,       0.0);         ( 401708.9,
3781908.8,     373.5,    1259.2,       0.0);
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(401728.9, 3781908.8, 373.3, 1259.2, 0.0); (401748.9, 3781908.8, 372.5, 1259.2, 0.0);
(401768.9, 3781908.8, 374.0, 1259.2, 0.0); (401788.9, 3781908.8, 374.8, 1259.2, 0.0);
(401808.9, 3781908.8, 374.8, 1259.2, 0.0); (401828.9, 3781908.8, 373.3, 1259.2, 0.0);
(401848.9, 3781908.8, 372.9, 1259.2, 0.0); (401868.9, 3781908.8, 371.1, 1259.2, 0.0);
(401888.9, 3781908.8, 371.7, 1259.2, 0.0); (401908.9, 3781908.8, 372.3, 1259.2, 0.0);
(401928.9, 3781908.8, 374.1, 1259.2, 0.0); (401948.9, 3781908.8, 375.2, 1259.2, 0.0);
(401968.9, 3781908.8, 376.1, 1259.2, 0.0); (401988.9, 3781908.8, 375.9, 1259.2, 0.0);
(402008.9, 3781908.8, 375.7, 1259.2, 0.0); (402028.9, 3781908.8, 374.9, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(402048.9, 3781908.8, 374.5, 1259.2, 0.0); (402068.9, 3781908.8, 373.2, 1259.2, 0.0);
(402088.9, 3781908.8, 372.3, 1259.2, 0.0); (402108.9, 3781908.8, 371.3, 1259.2, 0.0);
(402128.9, 3781908.8, 371.4, 1259.2, 0.0); (402148.9, 3781908.8, 367.6, 1259.2, 0.0);
(402168.9, 3781908.8, 362.7, 1259.2, 0.0); (402188.9, 3781908.8, 363.8, 1259.2, 0.0);
(402208.9, 3781908.8, 360.9, 1259.2, 0.0); (402228.9, 3781908.8, 360.4, 1259.2, 0.0);
(402248.9, 3781908.8, 364.8, 1259.2, 0.0); (402268.9, 3781908.8, 376.9, 1259.2, 0.0);
(402288.9, 3781908.8, 380.7, 1259.2, 0.0); (402308.9, 3781908.8, 380.7, 1259.2, 0.0);
(402328.9, 3781908.8, 380.6, 1259.2, 0.0); (402348.9, 3781908.8, 378.5, 1259.2, 0.0);
(402368.9, 3781908.8, 377.5, 1259.2, 0.0); (402388.9, 3781908.8, 372.5, 1259.2, 0.0);
(402408.9, 3781908.8, 370.4, 1259.2, 0.0); (402428.9, 3781908.8, 370.9, 1259.2, 0.0);
(402448.9, 3781908.8, 371.0, 1259.2, 0.0); (402468.9, 3781908.8, 371.8, 1259.2, 0.0);

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     ( 402488.9, 3781908.8,     371.9,    1259.2,       0.0);         ( 402508.9,
3781908.8,     372.1,    1259.2,       0.0);
     ( 401308.9, 3781928.8,     380.4,    1259.2,       0.0);         ( 401328.9,
3781928.8,     380.0,    1259.2,       0.0);
     ( 401348.9, 3781928.8,     379.7,    1259.2,       0.0);         ( 401368.9,
3781928.8,     379.2,    1259.2,       0.0);
     ( 401388.9, 3781928.8,     379.1,    1259.2,       0.0);         ( 401408.9,
3781928.8,     379.1,    1259.2,       0.0);
     ( 401428.9, 3781928.8,     378.5,    1259.2,       0.0);         ( 401448.9,
3781928.8,     378.2,    1259.2,       0.0);
     ( 401468.9, 3781928.8,     375.9,    1259.2,       0.0);         ( 401488.9,
3781928.8,     374.1,    1259.2,       0.0);
     ( 401508.9, 3781928.8,     371.4,    1259.2,       0.0);         ( 401528.9,
3781928.8,     371.0,    1259.2,       0.0);
     ( 401548.9, 3781928.8,     368.5,    1259.2,       0.0);         ( 401568.9,
3781928.8,     369.0,    1259.2,       0.0);
     ( 401588.9, 3781928.8,     370.6,    1259.2,       0.0);         ( 401608.9,
3781928.8,     373.9,    1259.2,       0.0);
     ( 401628.9, 3781928.8,     374.8,    1259.2,       0.0);         ( 401648.9,
3781928.8,     374.3,    1259.2,       0.0);
     ( 401668.9, 3781928.8,     373.9,    1259.2,       0.0);         ( 401688.9,
3781928.8,     373.5,    1259.2,       0.0);
     ( 401708.9, 3781928.8,     374.0,    1259.2,       0.0);         ( 401728.9,
3781928.8,     374.7,    1259.2,       0.0);
     ( 401748.9, 3781928.8,     375.5,    1259.2,       0.0);         ( 401768.9,
3781928.8,     378.0,    1259.2,       0.0);
     ( 401788.9, 3781928.8,     377.9,    1259.2,       0.0);         ( 401808.9,
3781928.8,     376.8,    1259.2,       0.0);
     ( 401828.9, 3781928.8,     374.4,    1259.2,       0.0);         ( 401848.9,
3781928.8,     374.2,    1259.2,       0.0);
     ( 401868.9, 3781928.8,     373.9,    1259.2,       0.0);         ( 401888.9,
3781928.8,     374.8,    1259.2,       0.0);
     ( 401908.9, 3781928.8,     375.8,    1259.2,       0.0);         ( 401928.9,
3781928.8,     376.5,    1259.2,       0.0);
     ( 401948.9, 3781928.8,     378.1,    1259.2,       0.0);         ( 401968.9,
3781928.8,     379.4,    1259.2,       0.0);
     ( 401988.9, 3781928.8,     380.0,    1259.2,       0.0);         ( 402008.9,
3781928.8,     379.1,    1259.2,       0.0);
     ( 402028.9, 3781928.8,     378.3,    1259.2,       0.0);         ( 402048.9,
3781928.8,     377.6,    1259.2,       0.0);
     ( 402068.9, 3781928.8,     375.7,    1259.2,       0.0);         ( 402088.9,
3781928.8,     374.8,    1259.2,       0.0);
     ( 402108.9, 3781928.8,     373.6,    1259.2,       0.0);         ( 402128.9,
3781928.8,     373.3,    1259.2,       0.0);
     ( 402148.9, 3781928.8,     371.5,    1259.2,       0.0);         ( 402168.9,
3781928.8,     365.3,    1259.2,       0.0);
     ( 402188.9, 3781928.8,     364.4,    1259.2,       0.0);         ( 402208.9,
3781928.8,     361.4,    1259.2,       0.0);
     ( 402228.9, 3781928.8,     365.1,    1259.2,       0.0);         ( 402248.9,
3781928.8,     365.9,    1259.2,       0.0);
```

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     ( 402268.9, 3781928.8,     377.4,    1259.2,       0.0);         ( 402288.9,
3781928.8,     381.9,    1259.2,       0.0);
     ( 402308.9, 3781928.8,     382.3,    1259.2,       0.0);         ( 402328.9,
3781928.8,     384.1,    1259.2,       0.0);
     ( 402348.9, 3781928.8,     385.1,    1259.2,       0.0);         ( 402368.9,
3781928.8,     386.4,    1259.2,       0.0);
     ( 402388.9, 3781928.8,     380.1,    1259.2,       0.0);         ( 402408.9,
3781928.8,     373.2,    1259.2,       0.0);
     ( 402428.9, 3781928.8,     373.7,    1259.2,       0.0);         ( 402448.9,
3781928.8,     373.7,    1259.2,       0.0);
     ( 402468.9, 3781928.8,     374.3,    1259.2,       0.0);         ( 402488.9,
3781928.8,     374.6,    1259.2,       0.0);
     ( 402508.9, 3781928.8,     374.8,    1259.2,       0.0);         ( 401308.9,
3781948.8,     380.6,    1259.2,       0.0);
     ( 401328.9, 3781948.8,     380.1,    1259.2,       0.0);         ( 401348.9,
3781948.8,     379.8,    1259.2,       0.0);
     ( 401368.9, 3781948.8,     379.5,    1259.2,       0.0);         ( 401388.9,
3781948.8,     379.4,    1259.2,       0.0);
↟ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     ( 401408.9, 3781948.8,     379.3,    1259.2,       0.0);         ( 401428.9,
3781948.8,     378.9,    1259.2,       0.0);
     ( 401448.9, 3781948.8,     379.1,    1259.2,       0.0);         ( 401468.9,
3781948.8,     378.5,    1259.2,       0.0);
     ( 401488.9, 3781948.8,     377.2,    1259.2,       0.0);         ( 401508.9,
3781948.8,     373.2,    1259.2,       0.0);
     ( 401528.9, 3781948.8,     370.5,    1259.2,       0.0);         ( 401548.9,
3781948.8,     373.2,    1259.2,       0.0);
     ( 401568.9, 3781948.8,     376.9,    1259.2,       0.0);         ( 401588.9,
3781948.8,     375.6,    1259.2,       0.0);
     ( 401608.9, 3781948.8,     375.4,    1259.2,       0.0);         ( 401628.9,
3781948.8,     374.6,    1259.2,       0.0);
     ( 401648.9, 3781948.8,     374.0,    1259.2,       0.0);         ( 401668.9,
3781948.8,     374.2,    1259.2,       0.0);
     ( 401688.9, 3781948.8,     375.1,    1259.2,       0.0);         ( 401708.9,
3781948.8,     375.7,    1259.2,       0.0);
     ( 401728.9, 3781948.8,     375.7,    1259.2,       0.0);         ( 401748.9,
3781948.8,     378.6,    1259.2,       0.0);
     ( 401768.9, 3781948.8,     380.2,    1259.2,       0.0);         ( 401788.9,
3781948.8,     380.7,    1259.2,       0.0);
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     ( 401808.9, 3781948.8,     377.8,    1259.2,       0.0);         ( 401828.9,
3781948.8,     375.4,    1259.2,       0.0);
     ( 401848.9, 3781948.8,     375.3,    1259.2,       0.0);         ( 401868.9,
3781948.8,     376.4,    1259.2,       0.0);
     ( 401888.9, 3781948.8,     377.4,    1259.2,       0.0);         ( 401908.9,
3781948.8,     378.6,    1259.2,       0.0);
     ( 401928.9, 3781948.8,     379.6,    1259.2,       0.0);         ( 401948.9,
3781948.8,     381.2,    1259.2,       0.0);
     ( 401968.9, 3781948.8,     383.3,    1259.2,       0.0);         ( 401988.9,
3781948.8,     384.3,    1259.2,       0.0);
     ( 402008.9, 3781948.8,     382.8,    1259.2,       0.0);         ( 402028.9,
3781948.8,     381.4,    1259.2,       0.0);
     ( 402048.9, 3781948.8,     380.8,    1259.2,       0.0);         ( 402068.9,
3781948.8,     378.3,    1259.2,       0.0);
     ( 402088.9, 3781948.8,     377.4,    1259.2,       0.0);         ( 402108.9,
3781948.8,     375.9,    1259.2,       0.0);
     ( 402128.9, 3781948.8,     375.9,    1259.2,       0.0);         ( 402148.9,
3781948.8,     376.0,    1259.2,       0.0);
     ( 402168.9, 3781948.8,     367.1,    1259.2,       0.0);         ( 402188.9,
3781948.8,     364.9,    1259.2,       0.0);
     ( 402208.9, 3781948.8,     365.0,    1259.2,       0.0);         ( 402228.9,
3781948.8,     366.9,    1259.2,       0.0);
     ( 402248.9, 3781948.8,     367.2,    1259.2,       0.0);         ( 402268.9,
3781948.8,     374.3,    1259.2,       0.0);
     ( 402288.9, 3781948.8,     379.8,    1259.2,       0.0);         ( 402308.9,
3781948.8,     383.1,    1259.2,       0.0);
     ( 402328.9, 3781948.8,     385.4,    1259.2,       0.0);         ( 402348.9,
3781948.8,     386.7,    1259.2,       0.0);
     ( 402368.9, 3781948.8,     389.3,    1259.2,       0.0);         ( 402388.9,
3781948.8,     386.0,    1259.2,       0.0);
     ( 402408.9, 3781948.8,     376.2,    1259.2,       0.0);         ( 402428.9,
3781948.8,     376.2,    1259.2,       0.0);
     ( 402448.9, 3781948.8,     376.4,    1259.2,       0.0);         ( 402468.9,
3781948.8,     376.8,    1259.2,       0.0);
     ( 402488.9, 3781948.8,     377.8,    1259.2,       0.0);         ( 402508.9,
3781948.8,     378.1,    1259.2,       0.0);
     ( 401308.9, 3781968.8,     387.4,    1259.2,       0.0);         ( 401328.9,
3781968.8,     387.4,    1259.2,       0.0);
     ( 401348.9, 3781968.8,     387.3,    1259.2,       0.0);         ( 401368.9,
3781968.8,     387.3,    1259.2,       0.0);
     ( 401388.9, 3781968.8,     387.3,    1259.2,       0.0);         ( 401408.9,
3781968.8,     387.2,    1259.2,       0.0);
     ( 401428.9, 3781968.8,     387.1,    1259.2,       0.0);         ( 401448.9,
3781968.8,     383.4,    1259.2,       0.0);
     ( 401468.9, 3781968.8,     382.0,    1259.2,       0.0);         ( 401488.9,
3781968.8,     381.9,    1259.2,       0.0);
     ( 401508.9, 3781968.8,     374.9,    1259.2,       0.0);         ( 401528.9,
3781968.8,     375.8,    1259.2,       0.0);
     ( 401548.9, 3781968.8,     378.6,    1259.2,       0.0);         ( 401568.9,
3781968.8,     377.5,    1259.2,       0.0);
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(401588.9, 3781968.8, 376.9, 1259.2, 0.0); (401608.9, 3781968.8, 375.7, 1259.2, 0.0);
(401628.9, 3781968.8, 375.3, 1259.2, 0.0); (401648.9, 3781968.8, 376.2, 1259.2, 0.0);
(401668.9, 3781968.8, 375.6, 1259.2, 0.0); (401688.9, 3781968.8, 376.0, 1259.2, 0.0);
(401708.9, 3781968.8, 377.5, 1259.2, 0.0); (401728.9, 3781968.8, 380.9, 1259.2, 0.0);
(401748.9, 3781968.8, 381.6, 1259.2, 0.0); (401768.9, 3781968.8, 382.6, 1259.2, 0.0);
(401788.9, 3781968.8, 383.3, 1259.2, 0.0); (401808.9, 3781968.8, 380.2, 1259.2, 0.0);
(401828.9, 3781968.8, 376.3, 1259.2, 0.0); (401848.9, 3781968.8, 376.4, 1259.2, 0.0);
(401868.9, 3781968.8, 378.0, 1259.2, 0.0); (401888.9, 3781968.8, 379.9, 1259.2, 0.0);
(401908.9, 3781968.8, 381.6, 1259.2, 0.0); (401928.9, 3781968.8, 383.4, 1259.2, 0.0);
(401948.9, 3781968.8, 384.9, 1259.2, 0.0); (401968.9, 3781968.8, 385.8, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401988.9, 3781968.8, 386.3, 1259.2, 0.0); (402008.9, 3781968.8, 385.4, 1259.2, 0.0);
(402028.9, 3781968.8, 384.5, 1259.2, 0.0); (402048.9, 3781968.8, 383.2, 1259.2, 0.0);
(402068.9, 3781968.8, 382.8, 1259.2, 0.0); (402088.9, 3781968.8, 382.1, 1259.2, 0.0);
(402108.9, 3781968.8, 378.8, 1259.2, 0.0); (402128.9, 3781968.8, 379.0, 1259.2, 0.0);
(402148.9, 3781968.8, 378.3, 1259.2, 0.0); (402168.9, 3781968.8, 368.4, 1259.2, 0.0);
(402188.9, 3781968.8, 366.3, 1259.2, 0.0); (402208.9, 3781968.8, 369.2, 1259.2, 0.0);
(402228.9, 3781968.8, 369.1, 1259.2, 0.0); (402248.9, 3781968.8, 370.4, 1259.2, 0.0);
(402268.9, 3781968.8, 370.0, 1259.2, 0.0); (402288.9, 3781968.8, 372.7, 1259.2, 0.0);
(402308.9, 3781968.8, 380.1, 1259.2, 0.0); (402328.9, 3781968.8, 386.3, 1259.2, 0.0);

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     ( 402348.9, 3781968.8,     389.4,    1259.2,       0.0);         ( 402368.9,
3781968.8,     392.3,    1259.2,       0.0);
     ( 402388.9, 3781968.8,     389.2,    1259.2,       0.0);         ( 402408.9,
3781968.8,     378.7,    1259.2,       0.0);
     ( 402428.9, 3781968.8,     378.9,    1259.2,       0.0);         ( 402448.9,
3781968.8,     379.2,    1259.2,       0.0);
     ( 402468.9, 3781968.8,     379.4,    1259.2,       0.0);         ( 402488.9,
3781968.8,     378.8,    1259.2,       0.0);
     ( 402508.9, 3781968.8,     379.5,    1259.2,       0.0);         ( 401308.9,
3781988.8,     388.3,    1259.2,       0.0);
     ( 401328.9, 3781988.8,     388.3,    1259.2,       0.0);         ( 401348.9,
3781988.8,     388.2,    1259.2,       0.0);
     ( 401368.9, 3781988.8,     387.9,    1259.2,       0.0);         ( 401388.9,
3781988.8,     387.8,    1259.2,       0.0);
     ( 401408.9, 3781988.8,     387.7,    1259.2,       0.0);         ( 401428.9,
3781988.8,     386.9,    1259.2,       0.0);
     ( 401448.9, 3781988.8,     385.4,    1259.2,       0.0);         ( 401468.9,
3781988.8,     386.1,    1259.2,       0.0);
     ( 401488.9, 3781988.8,     384.3,    1259.2,       0.0);         ( 401508.9,
3781988.8,     376.2,    1259.2,       0.0);
     ( 401528.9, 3781988.8,     380.3,    1259.2,       0.0);         ( 401548.9,
3781988.8,     378.8,    1259.2,       0.0);
     ( 401568.9, 3781988.8,     378.3,    1259.2,       0.0);         ( 401588.9,
3781988.8,     377.8,    1259.2,       0.0);
     ( 401608.9, 3781988.8,     377.9,    1259.2,       0.0);         ( 401628.9,
3781988.8,     377.2,    1259.2,       0.0);
     ( 401648.9, 3781988.8,     376.9,    1259.2,       0.0);         ( 401668.9,
3781988.8,     378.9,    1259.2,       0.0);
     ( 401688.9, 3781988.8,     383.3,    1259.2,       0.0);         ( 401708.9,
3781988.8,     386.7,    1259.2,       0.0);
     ( 401728.9, 3781988.8,     386.7,    1259.2,       0.0);         ( 401748.9,
3781988.8,     384.5,    1259.2,       0.0);
     ( 401768.9, 3781988.8,     386.8,    1259.2,       0.0);         ( 401788.9,
3781988.8,     386.7,    1259.2,       0.0);
     ( 401808.9, 3781988.8,     384.0,    1259.2,       0.0);         ( 401828.9,
3781988.8,     377.7,    1259.2,       0.0);
     ( 401848.9, 3781988.8,     378.2,    1259.2,       0.0);         ( 401868.9,
3781988.8,     380.0,    1259.2,       0.0);
     ( 401888.9, 3781988.8,     382.7,    1259.2,       0.0);         ( 401908.9,
3781988.8,     384.8,    1259.2,       0.0);
     ( 401928.9, 3781988.8,     385.7,    1259.2,       0.0);         ( 401948.9,
3781988.8,     386.3,    1259.2,       0.0);
     ( 401968.9, 3781988.8,     386.6,    1259.2,       0.0);         ( 401988.9,
3781988.8,     386.8,    1259.2,       0.0);
     ( 402008.9, 3781988.8,     386.5,    1259.2,       0.0);         ( 402028.9,
3781988.8,     386.1,    1259.2,       0.0);
     ( 402048.9, 3781988.8,     384.2,    1259.2,       0.0);         ( 402068.9,
3781988.8,     384.0,    1259.2,       0.0);
     ( 402088.9, 3781988.8,     383.9,    1259.2,       0.0);         ( 402108.9,
3781988.8,     383.2,    1259.2,       0.0);
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(402128.9, 3781988.8, 381.6, 1259.2, 0.0); (402148.9, 3781988.8, 378.6, 1259.2, 0.0);
(402168.9, 3781988.8, 370.2, 1259.2, 0.0); (402188.9, 3781988.8, 369.2, 1259.2, 0.0);
(402208.9, 3781988.8, 371.1, 1259.2, 0.0); (402228.9, 3781988.8, 371.8, 1259.2, 0.0);
(402248.9, 3781988.8, 373.8, 1259.2, 0.0); (402268.9, 3781988.8, 376.2, 1259.2, 0.0);
(402288.9, 3781988.8, 378.8, 1259.2, 0.0); (402308.9, 3781988.8, 384.2, 1259.2, 0.0);
(402328.9, 3781988.8, 391.7, 1259.2, 0.0); (402348.9, 3781988.8, 392.2, 1259.2, 0.0);
(402368.9, 3781988.8, 394.7, 1259.2, 0.0); (402388.9, 3781988.8, 392.8, 1259.2, 0.0);
(402408.9, 3781988.8, 380.2, 1259.2, 0.0); (402428.9, 3781988.8, 379.8, 1259.2, 0.0);
(402448.9, 3781988.8, 381.4, 1259.2, 0.0); (402468.9, 3781988.8, 381.6, 1259.2, 0.0);
(402488.9, 3781988.8, 382.1, 1259.2, 0.0); (402508.9, 3781988.8, 382.4, 1259.2, 0.0);
(401308.9, 3782008.8, 389.4, 1259.2, 0.0); (401328.9, 3782008.8, 389.3, 1259.2, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401348.9, 3782008.8, 389.1, 1259.2, 0.0); (401368.9, 3782008.8, 389.4, 1259.2, 0.0);
(401388.9, 3782008.8, 389.7, 1259.2, 0.0); (401408.9, 3782008.8, 389.4, 1259.2, 0.0);
(401428.9, 3782008.8, 388.3, 1259.2, 0.0); (401448.9, 3782008.8, 388.2, 1259.2, 0.0);
(401468.9, 3782008.8, 389.0, 1259.2, 0.0); (401488.9, 3782008.8, 384.9, 1259.2, 0.0);
(401508.9, 3782008.8, 379.3, 1259.2, 0.0); (401528.9, 3782008.8, 380.3, 1259.2, 0.0);
(401548.9, 3782008.8, 380.5, 1259.2, 0.0); (401568.9, 3782008.8, 380.1, 1259.2, 0.0);
(401588.9, 3782008.8, 379.6, 1259.2, 0.0); (401608.9, 3782008.8, 379.0, 1259.2, 0.0);
(401628.9, 3782008.8, 380.7, 1259.2, 0.0); (401648.9, 3782008.8, 385.0, 1259.2, 0.0);

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     ( 401668.9, 3782008.8,     388.9,    1259.2,       0.0);         ( 401688.9,
3782008.8,     390.0,    1259.2,       0.0);
     ( 401708.9, 3782008.8,     389.6,    1259.2,       0.0);         ( 401728.9,
3782008.8,     387.1,    1259.2,       0.0);
     ( 401748.9, 3782008.8,     387.2,    1259.2,       0.0);         ( 401768.9,
3782008.8,     388.8,    1259.2,       0.0);
     ( 401788.9, 3782008.8,     388.5,    1259.2,       0.0);         ( 401808.9,
3782008.8,     384.4,    1259.2,       0.0);
     ( 401828.9, 3782008.8,     382.2,    1259.2,       0.0);         ( 401848.9,
3782008.8,     382.4,    1259.2,       0.0);
     ( 401868.9, 3782008.8,     385.6,    1259.2,       0.0);         ( 401888.9,
3782008.8,     387.4,    1259.2,       0.0);
     ( 401908.9, 3782008.8,     388.1,    1259.2,       0.0);         ( 401928.9,
3782008.8,     387.3,    1259.2,       0.0);
     ( 401948.9, 3782008.8,     388.0,    1259.2,       0.0);         ( 401968.9,
3782008.8,     388.3,    1259.2,       0.0);
     ( 401988.9, 3782008.8,     388.1,    1259.2,       0.0);         ( 402008.9,
3782008.8,     388.4,    1259.2,       0.0);
     ( 402028.9, 3782008.8,     388.0,    1259.2,       0.0);         ( 402048.9,
3782008.8,     386.8,    1259.2,       0.0);
     ( 402068.9, 3782008.8,     385.2,    1259.2,       0.0);         ( 402088.9,
3782008.8,     383.8,    1259.2,       0.0);
     ( 402108.9, 3782008.8,     383.8,    1259.2,       0.0);         ( 402128.9,
3782008.8,     383.4,    1259.2,       0.0);
     ( 402148.9, 3782008.8,     375.8,    1259.2,       0.0);         ( 402168.9,
3782008.8,     372.4,    1259.2,       0.0);
     ( 402188.9, 3782008.8,     370.5,    1259.2,       0.0);         ( 402208.9,
3782008.8,     373.2,    1259.2,       0.0);
     ( 402228.9, 3782008.8,     374.1,    1259.2,       0.0);         ( 402248.9,
3782008.8,     375.9,    1259.2,       0.0);
     ( 402268.9, 3782008.8,     381.8,    1259.2,       0.0);         ( 402288.9,
3782008.8,     384.5,    1259.2,       0.0);
     ( 402308.9, 3782008.8,     391.8,    1259.2,       0.0);         ( 402328.9,
3782008.8,     394.5,    1259.2,       0.0);
     ( 402348.9, 3782008.8,     394.3,    1259.2,       0.0);         ( 402368.9,
3782008.8,     399.4,    1259.2,       0.0);
     ( 402388.9, 3782008.8,     393.9,    1259.2,       0.0);         ( 402408.9,
3782008.8,     386.1,    1259.2,       0.0);
     ( 402428.9, 3782008.8,     387.8,    1259.2,       0.0);         ( 402448.9,
3782008.8,     387.9,    1259.2,       0.0);
     ( 402468.9, 3782008.8,     384.3,    1259.2,       0.0);         ( 402488.9,
3782008.8,     387.6,    1259.2,       0.0);
     ( 402508.9, 3782008.8,     387.7,    1259.2,       0.0);         ( 401308.9,
3782028.8,     390.2,    1259.2,       0.0);
     ( 401328.9, 3782028.8,     390.3,    1259.2,       0.0);         ( 401348.9,
3782028.8,     390.9,    1259.2,       0.0);
     ( 401368.9, 3782028.8,     392.4,    1259.2,       0.0);         ( 401388.9,
3782028.8,     394.4,    1259.2,       0.0);
     ( 401408.9, 3782028.8,     393.8,    1259.2,       0.0);         ( 401428.9,
3782028.8,     390.8,    1259.2,       0.0);
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(401448.9, 3782028.8, 393.2, 1259.2, 0.0); (401468.9, 3782028.8, 391.1, 1259.2, 0.0);
(401488.9, 3782028.8, 385.7, 1259.2, 0.0); (401508.9, 3782028.8, 381.3, 1259.2, 0.0);
(401528.9, 3782028.8, 383.0, 1259.2, 0.0); (401548.9, 3782028.8, 382.6, 1259.2, 0.0);
(401568.9, 3782028.8, 380.5, 1259.2, 0.0); (401588.9, 3782028.8, 384.1, 1259.2, 0.0);
(401608.9, 3782028.8, 387.2, 1259.2, 0.0); (401628.9, 3782028.8, 391.3, 1259.2, 0.0);
(401648.9, 3782028.8, 392.9, 1259.2, 0.0); (401668.9, 3782028.8, 391.6, 1259.2, 0.0);
(401688.9, 3782028.8, 391.0, 1259.2, 0.0); (401708.9, 3782028.8, 390.0, 1259.2, 0.0);
(401728.9, 3782028.8, 389.8, 1259.2, 0.0); (401748.9, 3782028.8, 390.6, 1259.2, 0.0);
(401768.9, 3782028.8, 393.3, 1259.2, 0.0); (401788.9, 3782028.8, 392.9, 1259.2, 0.0);
(401808.9, 3782028.8, 389.7, 1259.2, 0.0); (401828.9, 3782028.8, 387.1, 1259.2, 0.0);
(401848.9, 3782028.8, 387.0, 1259.2, 0.0); (401868.9, 3782028.8, 388.9, 1259.2, 0.0);
(401888.9, 3782028.8, 390.2, 1259.2, 0.0); (401908.9, 3782028.8, 390.0, 1259.2, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401928.9, 3782028.8, 391.6, 1259.2, 0.0); (401948.9, 3782028.8, 393.8, 1259.2, 0.0);
(401968.9, 3782028.8, 395.1, 1259.2, 0.0); (401988.9, 3782028.8, 395.8, 1259.2, 0.0);
(402008.9, 3782028.8, 395.0, 1259.2, 0.0); (402028.9, 3782028.8, 393.8, 1259.2, 0.0);
(402048.9, 3782028.8, 391.8, 1259.2, 0.0); (402068.9, 3782028.8, 389.2, 1259.2, 0.0);
(402088.9, 3782028.8, 387.9, 1259.2, 0.0); (402108.9, 3782028.8, 387.3, 1259.2, 0.0);
(402128.9, 3782028.8, 385.2, 1259.2, 0.0); (402148.9, 3782028.8, 376.7, 1259.2, 0.0);
(402168.9, 3782028.8, 374.1, 1259.2, 0.0); (402188.9, 3782028.8, 373.8, 1259.2, 0.0);

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     ( 402208.9, 3782028.8,     376.7,    1259.2,       0.0);         ( 402228.9,
3782028.8,     376.6,    1259.2,       0.0);
     ( 402248.9, 3782028.8,     379.8,    1259.2,       0.0);         ( 402268.9,
3782028.8,     382.2,    1259.2,       0.0);
     ( 402288.9, 3782028.8,     393.4,    1259.2,       0.0);         ( 402308.9,
3782028.8,     401.4,    1259.2,       0.0);
     ( 402328.9, 3782028.8,     406.1,    1259.2,       0.0);         ( 402348.9,
3782028.8,     398.9,    1259.2,       0.0);
     ( 402368.9, 3782028.8,     400.2,    1259.2,       0.0);         ( 402388.9,
3782028.8,     393.0,    1259.2,       0.0);
     ( 402408.9, 3782028.8,     390.2,    1259.2,       0.0);         ( 402428.9,
3782028.8,     390.0,    1259.2,       0.0);
     ( 402448.9, 3782028.8,     390.3,    1259.2,       0.0);         ( 402468.9,
3782028.8,     388.3,    1259.2,       0.0);
     ( 402488.9, 3782028.8,     388.5,    1259.2,       0.0);         ( 402508.9,
3782028.8,     393.4,    1259.2,       0.0);
     ( 401308.9, 3782048.8,     393.3,    1259.2,       0.0);         ( 401328.9,
3782048.8,     393.9,    1259.2,       0.0);
     ( 401348.9, 3782048.8,     396.1,    1259.2,       0.0);         ( 401368.9,
3782048.8,     396.1,    1259.2,       0.0);
     ( 401388.9, 3782048.8,     396.0,    1259.2,       0.0);         ( 401408.9,
3782048.8,     394.1,    1259.2,       0.0);
     ( 401428.9, 3782048.8,     393.9,    1259.2,       0.0);         ( 401448.9,
3782048.8,     394.3,    1259.2,       0.0);
     ( 401468.9, 3782048.8,     393.8,    1259.2,       0.0);         ( 401488.9,
3782048.8,     386.9,    1259.2,       0.0);
     ( 401508.9, 3782048.8,     380.9,    1259.2,       0.0);         ( 401528.9,
3782048.8,     384.1,    1259.2,       0.0);
     ( 401548.9, 3782048.8,     384.7,    1259.2,       0.0);         ( 401568.9,
3782048.8,     386.0,    1259.2,       0.0);
     ( 401588.9, 3782048.8,     386.5,    1259.2,       0.0);         ( 401608.9,
3782048.8,     394.0,    1259.2,       0.0);
     ( 401628.9, 3782048.8,     393.8,    1259.2,       0.0);         ( 401648.9,
3782048.8,     392.9,    1259.2,       0.0);
     ( 401668.9, 3782048.8,     392.1,    1259.2,       0.0);         ( 401688.9,
3782048.8,     392.2,    1259.2,       0.0);
     ( 401708.9, 3782048.8,     394.5,    1259.2,       0.0);         ( 401728.9,
3782048.8,     393.2,    1259.2,       0.0);
     ( 401748.9, 3782048.8,     396.1,    1259.2,       0.0);         ( 401768.9,
3782048.8,     394.8,    1259.2,       0.0);
     ( 401788.9, 3782048.8,     394.8,    1259.2,       0.0);         ( 401808.9,
3782048.8,     392.8,    1259.2,       0.0);
     ( 401828.9, 3782048.8,     392.1,    1259.2,       0.0);         ( 401848.9,
3782048.8,     393.8,    1259.2,       0.0);
     ( 401868.9, 3782048.8,     395.0,    1259.2,       0.0);         ( 401888.9,
3782048.8,     396.5,    1259.2,       0.0);
     ( 401908.9, 3782048.8,     395.1,    1259.2,       0.0);         ( 401928.9,
3782048.8,     395.1,    1259.2,       0.0);
     ( 401948.9, 3782048.8,     397.6,    1259.2,       0.0);         ( 401968.9,
3782048.8,     399.0,    1259.2,       0.0);
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     ( 401988.9, 3782048.8,     399.5,    1259.2,       0.0);         ( 402008.9,
3782048.8,     398.9,    1259.2,       0.0);
     ( 402028.9, 3782048.8,     396.9,    1259.2,       0.0);         ( 402048.9,
3782048.8,     395.7,    1259.2,       0.0);
     ( 402068.9, 3782048.8,     393.9,    1259.2,       0.0);         ( 402088.9,
3782048.8,     392.1,    1259.2,       0.0);
     ( 402108.9, 3782048.8,     390.3,    1259.2,       0.0);         ( 402128.9,
3782048.8,     387.4,    1259.2,       0.0);
     ( 402148.9, 3782048.8,     378.0,    1259.2,       0.0);         ( 402168.9,
3782048.8,     374.3,    1259.2,       0.0);
     ( 402188.9, 3782048.8,     380.0,    1259.2,       0.0);         ( 402208.9,
3782048.8,     387.6,    1259.2,       0.0);
     ( 402228.9, 3782048.8,     381.8,    1259.2,       0.0);         ( 402248.9,
3782048.8,     381.4,    1259.2,       0.0);
     ( 402268.9, 3782048.8,     386.6,    1259.2,       0.0);         ( 402288.9,
3782048.8,     398.6,    1259.2,       0.0);
     ( 402308.9, 3782048.8,     409.5,    1259.2,       0.0);         ( 402328.9,
3782048.8,     410.9,    1259.2,       0.0);
     ( 402348.9, 3782048.8,     408.7,    1259.2,       0.0);         ( 402368.9,
3782048.8,     408.9,    1259.2,       0.0);
     ( 402388.9, 3782048.8,     404.4,    1259.2,       0.0);         ( 402408.9,
3782048.8,     395.8,    1259.2,       0.0);
     ( 402428.9, 3782048.8,     394.1,    1259.2,       0.0);         ( 402448.9,
3782048.8,     397.3,    1259.2,       0.0);
     ( 402468.9, 3782048.8,     394.7,    1259.2,       0.0);         ( 402488.9,
3782048.8,     396.3,    1259.2,       0.0);
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                       (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                 (METERS)

     ( 402508.9, 3782048.8,     397.6,    1259.2,       0.0);         ( 401308.9,
3782068.8,     396.6,    1259.2,       0.0);
     ( 401328.9, 3782068.8,     397.7,    1259.2,       0.0);         ( 401348.9,
3782068.8,     398.0,    1259.2,       0.0);
     ( 401368.9, 3782068.8,     398.1,    1259.2,       0.0);         ( 401388.9,
3782068.8,     397.1,    1259.2,       0.0);
     ( 401408.9, 3782068.8,     396.6,    1259.2,       0.0);         ( 401428.9,
3782068.8,     398.2,    1259.2,       0.0);
     ( 401448.9, 3782068.8,     395.7,    1259.2,       0.0);         ( 401468.9,
3782068.8,     395.1,    1259.2,       0.0);
     ( 401488.9, 3782068.8,     388.5,    1259.2,       0.0);         ( 401508.9,
3782068.8,     389.8,    1259.2,       0.0);
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```
     ( 401528.9, 3782068.8,     390.4,    1259.2,       0.0);         ( 401548.9,
3782068.8,     387.4,    1259.2,       0.0);
     ( 401568.9, 3782068.8,     389.9,    1259.2,       0.0);         ( 401588.9,
3782068.8,     390.3,    1259.2,       0.0);
     ( 401608.9, 3782068.8,     393.9,    1259.2,       0.0);         ( 401628.9,
3782068.8,     393.4,    1259.2,       0.0);
     ( 401648.9, 3782068.8,     393.1,    1259.2,       0.0);         ( 401668.9,
3782068.8,     394.0,    1259.2,       0.0);
     ( 401688.9, 3782068.8,     394.1,    1259.2,       0.0);         ( 401708.9,
3782068.8,     395.6,    1259.2,       0.0);
     ( 401728.9, 3782068.8,     398.6,    1259.2,       0.0);         ( 401748.9,
3782068.8,     397.6,    1259.2,       0.0);
     ( 401768.9, 3782068.8,     396.4,    1259.2,       0.0);         ( 401788.9,
3782068.8,     397.3,    1259.2,       0.0);
     ( 401808.9, 3782068.8,     400.3,    1259.2,       0.0);         ( 401828.9,
3782068.8,     397.8,    1259.2,       0.0);
     ( 401848.9, 3782068.8,     404.3,    1259.2,       0.0);         ( 401868.9,
3782068.8,     404.2,    1259.2,       0.0);
     ( 401888.9, 3782068.8,     403.8,    1259.2,       0.0);         ( 401908.9,
3782068.8,     405.2,    1259.2,       0.0);
     ( 401928.9, 3782068.8,     406.8,    1259.2,       0.0);         ( 401948.9,
3782068.8,     408.1,    1259.2,       0.0);
     ( 401968.9, 3782068.8,     406.8,    1259.2,       0.0);         ( 401988.9,
3782068.8,     403.8,    1259.2,       0.0);
     ( 402008.9, 3782068.8,     400.6,    1259.2,       0.0);         ( 402028.9,
3782068.8,     398.0,    1259.2,       0.0);
     ( 402048.9, 3782068.8,     395.1,    1259.2,       0.0);         ( 402068.9,
3782068.8,     392.9,    1259.2,       0.0);
     ( 402088.9, 3782068.8,     391.8,    1259.2,       0.0);         ( 402108.9,
3782068.8,     390.4,    1259.2,       0.0);
     ( 402128.9, 3782068.8,     389.2,    1259.2,       0.0);         ( 402148.9,
3782068.8,     380.2,    1259.2,       0.0);
     ( 402168.9, 3782068.8,     376.4,    1259.2,       0.0);         ( 402188.9,
3782068.8,     388.9,    1259.2,       0.0);
     ( 402208.9, 3782068.8,     400.2,    1259.2,       0.0);         ( 402228.9,
3782068.8,     398.0,    1259.2,       0.0);
     ( 402248.9, 3782068.8,     387.8,    1259.2,       0.0);         ( 402268.9,
3782068.8,     388.9,    1259.2,       0.0);
     ( 402288.9, 3782068.8,     400.6,    1259.2,       0.0);         ( 402308.9,
3782068.8,     412.4,    1259.2,       0.0);
     ( 402328.9, 3782068.8,     421.6,    1259.2,       0.0);         ( 402348.9,
3782068.8,     425.7,    1259.2,       0.0);
     ( 402368.9, 3782068.8,     424.5,    1259.2,       0.0);         ( 402388.9,
3782068.8,     419.1,    1259.2,       0.0);
     ( 402408.9, 3782068.8,     407.8,    1259.2,       0.0);         ( 402428.9,
3782068.8,     402.7,    1259.2,       0.0);
     ( 402448.9, 3782068.8,     403.9,    1259.2,       0.0);         ( 402468.9,
3782068.8,     391.9,    1259.2,       0.0);
     ( 402488.9, 3782068.8,     392.6,    1259.2,       0.0);         ( 402508.9,
3782068.8,     400.8,    1259.2,       0.0);
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(401308.9, 3782088.8, 398.5, 1259.2, 0.0); (401328.9, 3782088.8, 398.8, 1259.2, 0.0);
(401348.9, 3782088.8, 398.8, 1259.2, 0.0); (401368.9, 3782088.8, 399.0, 1259.2, 0.0);
(401388.9, 3782088.8, 399.9, 1259.2, 0.0); (401408.9, 3782088.8, 401.2, 1259.2, 0.0);
(401428.9, 3782088.8, 400.2, 1259.2, 0.0); (401448.9, 3782088.8, 402.8, 1259.2, 0.0);
(401468.9, 3782088.8, 395.8, 1259.2, 0.0); (401488.9, 3782088.8, 390.8, 1259.2, 0.0);
(401508.9, 3782088.8, 391.2, 1259.2, 0.0); (401528.9, 3782088.8, 390.9, 1259.2, 0.0);
(401548.9, 3782088.8, 389.8, 1259.2, 0.0); (401568.9, 3782088.8, 392.1, 1259.2, 0.0);
(401588.9, 3782088.8, 392.4, 1259.2, 0.0); (401608.9, 3782088.8, 395.6, 1259.2, 0.0);
(401628.9, 3782088.8, 395.7, 1259.2, 0.0); (401648.9, 3782088.8, 394.7, 1259.2, 0.0);
(401668.9, 3782088.8, 395.9, 1259.2, 0.0); (401688.9, 3782088.8, 398.1, 1259.2, 0.0);
(401708.9, 3782088.8, 401.9, 1259.2, 0.0); (401728.9, 3782088.8, 405.9, 1259.2, 0.0);
(401748.9, 3782088.8, 399.5, 1259.2, 0.0); (401768.9, 3782088.8, 394.9, 1259.2, 0.0);
(401788.9, 3782088.8, 399.0, 1259.2, 0.0); (401808.9, 3782088.8, 407.6, 1259.2, 0.0);
(401828.9, 3782088.8, 408.1, 1259.2, 0.0); (401848.9, 3782088.8, 413.1, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(401868.9, 3782088.8, 416.5, 1259.2, 0.0); (401888.9, 3782088.8, 413.8, 1259.2, 0.0);
(401908.9, 3782088.8, 420.5, 1259.2, 0.0); (401928.9, 3782088.8, 422.7, 1259.2, 0.0);
(401948.9, 3782088.8, 421.3, 1259.2, 0.0); (401968.9, 3782088.8, 412.1, 1259.2, 0.0);
(401988.9, 3782088.8, 404.3, 1259.2, 0.0); (402008.9, 3782088.8, 404.1, 1259.2, 0.0);
(402028.9, 3782088.8, 404.3, 1259.2, 0.0); (402048.9, 3782088.8, 399.2, 1259.2, 0.0);

```
     ( 402068.9, 3782088.8,     397.7,    1259.2,       0.0);         ( 402088.9,
3782088.8,     395.5,    1259.2,       0.0);
     ( 402108.9, 3782088.8,     396.3,    1259.2,       0.0);         ( 402128.9,
3782088.8,     395.0,    1259.2,       0.0);
     ( 402148.9, 3782088.8,     386.0,    1259.2,       0.0);         ( 402168.9,
3782088.8,     380.0,    1259.2,       0.0);
     ( 402188.9, 3782088.8,     384.1,    1259.2,       0.0);         ( 402208.9,
3782088.8,     406.5,    1259.2,       0.0);
     ( 402228.9, 3782088.8,     412.1,    1259.2,       0.0);         ( 402248.9,
3782088.8,     403.1,    1259.2,       0.0);
     ( 402268.9, 3782088.8,     400.9,    1259.2,       0.0);         ( 402288.9,
3782088.8,     403.2,    1259.2,       0.0);
     ( 402308.9, 3782088.8,     414.9,    1259.2,       0.0);         ( 402328.9,
3782088.8,     430.8,    1259.2,       0.0);
     ( 402348.9, 3782088.8,     442.4,    1259.2,       0.0);         ( 402368.9,
3782088.8,     440.9,    1259.2,       0.0);
     ( 402388.9, 3782088.8,     433.2,    1259.2,       0.0);         ( 402408.9,
3782088.8,     421.2,    1259.2,       0.0);
     ( 402428.9, 3782088.8,     406.2,    1259.2,       0.0);         ( 402448.9,
3782088.8,     404.1,    1259.2,       0.0);
     ( 402468.9, 3782088.8,     393.0,    1259.2,       0.0);         ( 402488.9,
3782088.8,     398.8,    1259.2,       0.0);
     ( 402508.9, 3782088.8,     412.3,    1259.2,       0.0);         ( 401308.9,
3782108.8,     399.3,    1259.2,       0.0);
     ( 401328.9, 3782108.8,     399.3,    1259.2,       0.0);         ( 401348.9,
3782108.8,     399.5,    1259.2,       0.0);
     ( 401368.9, 3782108.8,     401.2,    1259.2,       0.0);         ( 401388.9,
3782108.8,     402.5,    1259.2,       0.0);
     ( 401408.9, 3782108.8,     404.1,    1259.2,       0.0);         ( 401428.9,
3782108.8,     406.1,    1259.2,       0.0);
     ( 401448.9, 3782108.8,     407.8,    1259.2,       0.0);         ( 401468.9,
3782108.8,     402.1,    1259.2,       0.0);
     ( 401488.9, 3782108.8,     394.9,    1259.2,       0.0);         ( 401508.9,
3782108.8,     398.1,    1259.2,       0.0);
     ( 401528.9, 3782108.8,     396.4,    1259.2,       0.0);         ( 401548.9,
3782108.8,     399.2,    1259.2,       0.0);
     ( 401568.9, 3782108.8,     402.6,    1259.2,       0.0);         ( 401588.9,
3782108.8,     403.3,    1259.2,       0.0);
     ( 401608.9, 3782108.8,     402.9,    1259.2,       0.0);         ( 401628.9,
3782108.8,     403.2,    1259.2,       0.0);
     ( 401648.9, 3782108.8,     404.3,    1259.2,       0.0);         ( 401668.9,
3782108.8,     405.1,    1259.2,       0.0);
     ( 401688.9, 3782108.8,     409.3,    1259.2,       0.0);         ( 401708.9,
3782108.8,     413.9,    1259.2,       0.0);
     ( 401728.9, 3782108.8,     416.4,    1259.2,       0.0);         ( 401748.9,
3782108.8,     409.6,    1259.2,       0.0);
     ( 401768.9, 3782108.8,     405.8,    1259.2,       0.0);         ( 401788.9,
3782108.8,     402.6,    1259.2,       0.0);
     ( 401808.9, 3782108.8,     416.8,    1259.2,       0.0);         ( 401828.9,
3782108.8,     425.0,    1259.2,       0.0);
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(401848.9, 3782108.8, 426.6, 1259.2, 0.0); (401868.9, 3782108.8, 432.2, 1259.2, 0.0);
(401888.9, 3782108.8, 427.4, 1259.2, 0.0); (401908.9, 3782108.8, 435.0, 1259.2, 0.0);
(401928.9, 3782108.8, 436.1, 1259.2, 0.0); (401948.9, 3782108.8, 427.8, 1259.2, 0.0);
(401968.9, 3782108.8, 414.3, 1259.2, 0.0); (401988.9, 3782108.8, 406.7, 1259.2, 0.0);
(402008.9, 3782108.8, 415.0, 1259.2, 0.0); (402028.9, 3782108.8, 411.0, 1259.2, 0.0);
(402048.9, 3782108.8, 402.4, 1259.2, 0.0); (402068.9, 3782108.8, 400.8, 1259.2, 0.0);
(402088.9, 3782108.8, 400.9, 1259.2, 0.0); (402108.9, 3782108.8, 400.2, 1259.2, 0.0);
(402128.9, 3782108.8, 398.2, 1259.2, 0.0); (402148.9, 3782108.8, 396.3, 1259.2, 0.0);
(402168.9, 3782108.8, 386.5, 1259.2, 0.0); (402188.9, 3782108.8, 380.7, 1259.2, 0.0);
(402208.9, 3782108.8, 400.2, 1259.2, 0.0); (402228.9, 3782108.8, 420.7, 1259.2, 0.0);
(402248.9, 3782108.8, 419.8, 1259.2, 0.0); (402268.9, 3782108.8, 418.1, 1259.2, 0.0);
(402288.9, 3782108.8, 417.9, 1259.2, 0.0); (402308.9, 3782108.8, 424.1, 1259.2, 0.0);
(402328.9, 3782108.8, 431.9, 1259.2, 0.0); (402348.9, 3782108.8, 449.6, 1259.2, 0.0);
(402368.9, 3782108.8, 455.5, 1259.2, 0.0); (402388.9, 3782108.8, 446.4, 1259.2, 0.0);
(402408.9, 3782108.8, 433.2, 1259.2, 0.0); (402428.9, 3782108.8, 417.6, 1259.2, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(402448.9, 3782108.8, 409.9, 1259.2, 0.0); (402468.9, 3782108.8, 403.2, 1259.2, 0.0);
(402488.9, 3782108.8, 416.2, 1259.2, 0.0); (402508.9, 3782108.8, 423.2, 1259.2, 0.0);
(401308.9, 3782128.8, 400.3, 1259.2, 0.0); (401328.9, 3782128.8, 400.7, 1259.2, 0.0);
(401348.9, 3782128.8, 401.9, 1259.2, 0.0); (401368.9, 3782128.8, 403.9, 1259.2, 0.0);

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     ( 401388.9, 3782128.8,     405.5,    1259.2,       0.0);         ( 401408.9,
3782128.8,     407.4,    1259.2,       0.0);
     ( 401428.9, 3782128.8,     407.9,    1259.2,       0.0);         ( 401448.9,
3782128.8,     411.9,    1259.2,       0.0);
     ( 401468.9, 3782128.8,     409.0,    1259.2,       0.0);         ( 401488.9,
3782128.8,     407.6,    1259.2,       0.0);
     ( 401508.9, 3782128.8,     410.3,    1259.2,       0.0);         ( 401528.9,
3782128.8,     406.7,    1259.2,       0.0);
     ( 401548.9, 3782128.8,     412.4,    1259.2,       0.0);         ( 401568.9,
3782128.8,     416.1,    1259.2,       0.0);
     ( 401588.9, 3782128.8,     414.7,    1259.2,       0.0);         ( 401608.9,
3782128.8,     415.1,    1259.2,       0.0);
     ( 401628.9, 3782128.8,     414.3,    1259.2,       0.0);         ( 401648.9,
3782128.8,     411.8,    1259.2,       0.0);
     ( 401668.9, 3782128.8,     414.9,    1259.2,       0.0);         ( 401688.9,
3782128.8,     422.2,    1259.2,       0.0);
     ( 401708.9, 3782128.8,     424.7,    1259.2,       0.0);         ( 401728.9,
3782128.8,     429.0,    1259.2,       0.0);
     ( 401748.9, 3782128.8,     419.0,    1259.2,       0.0);         ( 401768.9,
3782128.8,     412.4,    1259.2,       0.0);
     ( 401788.9, 3782128.8,     406.9,    1259.2,       0.0);         ( 401808.9,
3782128.8,     422.3,    1259.2,       0.0);
     ( 401828.9, 3782128.8,     439.8,    1259.2,       0.0);         ( 401848.9,
3782128.8,     440.7,    1259.2,       0.0);
     ( 401868.9, 3782128.8,     446.8,    1259.2,       0.0);         ( 401888.9,
3782128.8,     445.2,    1259.2,       0.0);
     ( 401908.9, 3782128.8,     449.0,    1259.2,       0.0);         ( 401928.9,
3782128.8,     440.9,    1259.2,       0.0);
     ( 401948.9, 3782128.8,     429.4,    1259.2,       0.0);         ( 401968.9,
3782128.8,     413.5,    1259.2,       0.0);
     ( 401988.9, 3782128.8,     414.0,    1259.2,       0.0);         ( 402008.9,
3782128.8,     424.2,    1259.2,       0.0);
     ( 402028.9, 3782128.8,     418.6,    1259.2,       0.0);         ( 402048.9,
3782128.8,     408.7,    1259.2,       0.0);
     ( 402068.9, 3782128.8,     403.4,    1259.2,       0.0);         ( 402088.9,
3782128.8,     404.9,    1259.2,       0.0);
     ( 402108.9, 3782128.8,     404.0,    1259.2,       0.0);         ( 402128.9,
3782128.8,     401.7,    1259.2,       0.0);
     ( 402148.9, 3782128.8,     400.6,    1259.2,       0.0);         ( 402168.9,
3782128.8,     393.9,    1259.2,       0.0);
     ( 402188.9, 3782128.8,     383.0,    1259.2,       0.0);         ( 402208.9,
3782128.8,     402.7,    1259.2,       0.0);
     ( 402228.9, 3782128.8,     422.2,    1259.2,       0.0);         ( 402248.9,
3782128.8,     433.4,    1259.2,       0.0);
     ( 402268.9, 3782128.8,     431.8,    1259.2,       0.0);         ( 402288.9,
3782128.8,     434.6,    1259.2,       0.0);
     ( 402308.9, 3782128.8,     438.4,    1259.2,       0.0);         ( 402328.9,
3782128.8,     445.5,    1259.2,       0.0);
     ( 402348.9, 3782128.8,     456.1,    1259.2,       0.0);         ( 402368.9,
3782128.8,     464.1,    1259.2,       0.0);
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     ( 402388.9, 3782128.8,     452.9,    1259.2,       0.0);         ( 402408.9,
3782128.8,     438.0,    1259.2,       0.0);
     ( 402428.9, 3782128.8,     422.4,    1259.2,       0.0);         ( 402448.9,
3782128.8,     412.3,    1259.2,       0.0);
     ( 402468.9, 3782128.8,     416.4,    1259.2,       0.0);         ( 402488.9,
3782128.8,     432.9,    1259.2,       0.0);
     ( 402508.9, 3782128.8,     441.7,    1259.2,       0.0);         ( 401308.9,
3782148.8,     406.1,    1259.2,       0.0);
     ( 401328.9, 3782148.8,     403.9,    1259.2,       0.0);         ( 401348.9,
3782148.8,     405.0,    1259.2,       0.0);
     ( 401368.9, 3782148.8,     406.9,    1259.2,       0.0);         ( 401388.9,
3782148.8,     408.5,    1259.2,       0.0);
     ( 401408.9, 3782148.8,     410.0,    1259.2,       0.0);         ( 401428.9,
3782148.8,     413.8,    1259.2,       0.0);
     ( 401448.9, 3782148.8,     417.0,    1259.2,       0.0);         ( 401468.9,
3782148.8,     417.1,    1259.2,       0.0);
     ( 401488.9, 3782148.8,     426.6,    1259.2,       0.0);         ( 401508.9,
3782148.8,     426.9,    1259.2,       0.0);
     ( 401528.9, 3782148.8,     422.6,    1259.2,       0.0);         ( 401548.9,
3782148.8,     427.1,    1259.2,       0.0);
     ( 401568.9, 3782148.8,     431.8,    1259.2,       0.0);         ( 401588.9,
3782148.8,     428.3,    1259.2,       0.0);
     ( 401608.9, 3782148.8,     428.7,    1259.2,       0.0);         ( 401628.9,
3782148.8,     426.7,    1259.2,       0.0);
     ( 401648.9, 3782148.8,     424.0,    1259.2,       0.0);         ( 401668.9,
3782148.8,     424.1,    1259.2,       0.0);
     ( 401688.9, 3782148.8,     437.2,    1259.2,       0.0);         ( 401708.9,
3782148.8,     440.3,    1259.2,       0.0);
     ( 401728.9, 3782148.8,     441.2,    1259.2,       0.0);         ( 401748.9,
3782148.8,     430.2,    1259.2,       0.0);
     ( 401768.9, 3782148.8,     424.8,    1259.2,       0.0);         ( 401788.9,
3782148.8,     415.9,    1259.2,       0.0);
↟ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 401808.9, 3782148.8,     431.3,    1259.2,       0.0);         ( 401828.9,
3782148.8,     446.9,    1259.2,       0.0);
     ( 401848.9, 3782148.8,     456.9,    1259.2,       0.0);         ( 401868.9,
3782148.8,     462.9,    1259.2,       0.0);
     ( 401888.9, 3782148.8,     462.9,    1259.2,       0.0);         ( 401908.9,
3782148.8,     453.5,    1259.2,       0.0);
```

```
     ( 401928.9, 3782148.8,     437.5,    1259.2,       0.0);         ( 401948.9,
3782148.8,     423.0,    1259.2,       0.0);
     ( 401968.9, 3782148.8,     418.4,    1259.2,       0.0);         ( 401988.9,
3782148.8,     428.8,    1259.2,       0.0);
     ( 402008.9, 3782148.8,     435.5,    1259.2,       0.0);         ( 402028.9,
3782148.8,     428.8,    1259.2,       0.0);
     ( 402048.9, 3782148.8,     415.7,    1259.2,       0.0);         ( 402068.9,
3782148.8,     411.6,    1259.2,       0.0);
     ( 402088.9, 3782148.8,     408.6,    1259.2,       0.0);         ( 402108.9,
3782148.8,     408.0,    1259.2,       0.0);
     ( 402128.9, 3782148.8,     405.9,    1259.2,       0.0);         ( 402148.9,
3782148.8,     404.4,    1259.2,       0.0);
     ( 402168.9, 3782148.8,     396.2,    1259.2,       0.0);         ( 402188.9,
3782148.8,     385.8,    1259.2,       0.0);
     ( 402208.9, 3782148.8,     399.8,    1259.2,       0.0);         ( 402228.9,
3782148.8,     423.9,    1259.2,       0.0);
     ( 402248.9, 3782148.8,     439.7,    1259.2,       0.0);         ( 402268.9,
3782148.8,     445.6,    1259.2,       0.0);
     ( 402288.9, 3782148.8,     450.3,    1259.2,       0.0);         ( 402308.9,
3782148.8,     458.1,    1259.2,       0.0);
     ( 402328.9, 3782148.8,     464.7,    1259.2,       0.0);         ( 402348.9,
3782148.8,     471.9,    1259.2,       0.0);
     ( 402368.9, 3782148.8,     469.7,    1259.2,       0.0);         ( 402388.9,
3782148.8,     454.5,    1259.2,       0.0);
     ( 402408.9, 3782148.8,     441.6,    1259.2,       0.0);         ( 402428.9,
3782148.8,     433.7,    1259.2,       0.0);
     ( 402448.9, 3782148.8,     415.5,    1259.2,       0.0);         ( 402468.9,
3782148.8,     418.4,    1259.2,       0.0);
     ( 402488.9, 3782148.8,     438.6,    1259.2,       0.0);         ( 402508.9,
3782148.8,     454.8,    1259.2,       0.0);
     ( 401308.9, 3782168.8,     407.0,    1259.2,       0.0);         ( 401328.9,
3782168.8,     408.6,    1259.2,       0.0);
     ( 401348.9, 3782168.8,     412.5,    1259.2,       0.0);         ( 401368.9,
3782168.8,     412.9,    1259.2,       0.0);
     ( 401388.9, 3782168.8,     412.4,    1259.2,       0.0);         ( 401408.9,
3782168.8,     413.3,    1259.2,       0.0);
     ( 401428.9, 3782168.8,     416.2,    1259.2,       0.0);         ( 401448.9,
3782168.8,     414.6,    1259.2,       0.0);
     ( 401468.9, 3782168.8,     413.7,    1259.2,       0.0);         ( 401488.9,
3782168.8,     428.6,    1259.2,       0.0);
     ( 401508.9, 3782168.8,     439.0,    1259.2,       0.0);         ( 401528.9,
3782168.8,     438.8,    1259.2,       0.0);
     ( 401548.9, 3782168.8,     441.0,    1259.2,       0.0);         ( 401568.9,
3782168.8,     447.5,    1259.2,       0.0);
     ( 401588.9, 3782168.8,     443.9,    1259.2,       0.0);         ( 401608.9,
3782168.8,     444.4,    1259.2,       0.0);
     ( 401628.9, 3782168.8,     442.7,    1259.2,       0.0);         ( 401648.9,
3782168.8,     439.9,    1259.2,       0.0);
     ( 401668.9, 3782168.8,     436.3,    1259.2,       0.0);         ( 401688.9,
3782168.8,     451.9,    1259.2,       0.0);
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     ( 401708.9, 3782168.8,     456.6,    1259.2,       0.0);         ( 401728.9,
3782168.8,     454.2,    1259.2,       0.0);
     ( 401748.9, 3782168.8,     442.9,    1259.2,       0.0);         ( 401768.9,
3782168.8,     436.3,    1259.2,       0.0);
     ( 401788.9, 3782168.8,     423.2,    1259.2,       0.0);         ( 401808.9,
3782168.8,     439.3,    1259.2,       0.0);
     ( 401828.9, 3782168.8,     455.2,    1259.2,       0.0);         ( 401848.9,
3782168.8,     468.2,    1259.2,       0.0);
     ( 401868.9, 3782168.8,     474.7,    1259.2,       0.0);         ( 401888.9,
3782168.8,     467.6,    1259.2,       0.0);
     ( 401908.9, 3782168.8,     453.7,    1259.2,       0.0);         ( 401928.9,
3782168.8,     435.5,    1259.2,       0.0);
     ( 401948.9, 3782168.8,     419.7,    1259.2,       0.0);         ( 401968.9,
3782168.8,     430.0,    1259.2,       0.0);
     ( 401988.9, 3782168.8,     444.0,    1259.2,       0.0);         ( 402008.9,
3782168.8,     448.2,    1259.2,       0.0);
     ( 402028.9, 3782168.8,     436.3,    1259.2,       0.0);         ( 402048.9,
3782168.8,     428.8,    1259.2,       0.0);
     ( 402068.9, 3782168.8,     422.0,    1259.2,       0.0);         ( 402088.9,
3782168.8,     412.4,    1259.2,       0.0);
     ( 402108.9, 3782168.8,     412.4,    1259.2,       0.0);         ( 402128.9,
3782168.8,     410.3,    1259.2,       0.0);
     ( 402148.9, 3782168.8,     402.9,    1259.2,       0.0);         ( 402168.9,
3782168.8,     388.9,    1259.2,       0.0);
     ( 402188.9, 3782168.8,     389.7,    1259.2,       0.0);         ( 402208.9,
3782168.8,     397.7,    1259.2,       0.0);
     ( 402228.9, 3782168.8,     420.0,    1259.2,       0.0);         ( 402248.9,
3782168.8,     433.4,    1259.2,       0.0);
     ( 402268.9, 3782168.8,     445.3,    1259.2,       0.0);         ( 402288.9,
3782168.8,     455.8,    1259.2,       0.0);
     ( 402308.9, 3782168.8,     465.9,    1259.2,       0.0);         ( 402328.9,
3782168.8,     475.7,    1259.2,       0.0);
     ( 402348.9, 3782168.8,     483.7,    1259.2,       0.0);         ( 402368.9,
3782168.8,     478.8,    1259.2,       0.0);
```


*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 402388.9, 3782168.8,     463.7,    1259.2,       0.0);         ( 402408.9,
3782168.8,     455.8,    1259.2,       0.0);
     ( 402428.9, 3782168.8,     437.5,    1259.2,       0.0);         ( 402448.9,
3782168.8,     418.3,    1259.2,       0.0);
```

```
     ( 402468.9, 3782168.8,     417.6,    1259.2,       0.0);         ( 402488.9,
3782168.8,     439.1,    1259.2,       0.0);
     ( 402508.9, 3782168.8,     460.1,    1259.2,       0.0);         ( 401308.9,
3782188.8,     409.9,    1259.2,       0.0);
     ( 401328.9, 3782188.8,     418.9,    1259.2,       0.0);         ( 401348.9,
3782188.8,     417.2,    1259.2,       0.0);
     ( 401368.9, 3782188.8,     422.9,    1259.2,       0.0);         ( 401388.9,
3782188.8,     421.7,    1259.2,       0.0);
     ( 401408.9, 3782188.8,     420.5,    1259.2,       0.0);         ( 401428.9,
3782188.8,     420.6,    1259.2,       0.0);
     ( 401448.9, 3782188.8,     418.1,    1259.2,       0.0);         ( 401468.9,
3782188.8,     416.2,    1259.2,       0.0);
     ( 401488.9, 3782188.8,     421.4,    1259.2,       0.0);         ( 401508.9,
3782188.8,     440.0,    1259.2,       0.0);
     ( 401528.9, 3782188.8,     454.8,    1259.2,       0.0);         ( 401548.9,
3782188.8,     456.7,    1259.2,       0.0);
     ( 401568.9, 3782188.8,     464.8,    1259.2,       0.0);         ( 401588.9,
3782188.8,     461.2,    1259.2,       0.0);
     ( 401608.9, 3782188.8,     461.2,    1259.2,       0.0);         ( 401628.9,
3782188.8,     464.1,    1259.2,       0.0);
     ( 401648.9, 3782188.8,     464.8,    1259.2,       0.0);         ( 401668.9,
3782188.8,     456.2,    1259.2,       0.0);
     ( 401688.9, 3782188.8,     466.3,    1259.2,       0.0);         ( 401708.9,
3782188.8,     473.5,    1259.2,       0.0);
     ( 401728.9, 3782188.8,     466.4,    1259.2,       0.0);         ( 401748.9,
3782188.8,     456.8,    1259.2,       0.0);
     ( 401768.9, 3782188.8,     445.6,    1259.2,       0.0);         ( 401788.9,
3782188.8,     433.5,    1259.2,       0.0);
     ( 401808.9, 3782188.8,     446.9,    1259.2,       0.0);         ( 401828.9,
3782188.8,     464.3,    1259.2,       0.0);
     ( 401848.9, 3782188.8,     475.2,    1259.2,       0.0);         ( 401868.9,
3782188.8,     480.6,    1259.2,       0.0);
     ( 401888.9, 3782188.8,     470.2,    1259.2,       0.0);         ( 401908.9,
3782188.8,     457.7,    1259.2,       0.0);
     ( 401928.9, 3782188.8,     443.0,    1259.2,       0.0);         ( 401948.9,
3782188.8,     425.9,    1259.2,       0.0);
     ( 401968.9, 3782188.8,     436.0,    1259.2,       0.0);         ( 401988.9,
3782188.8,     453.9,    1259.2,       0.0);
     ( 402008.9, 3782188.8,     460.8,    1259.2,       0.0);         ( 402028.9,
3782188.8,     451.1,    1259.2,       0.0);
     ( 402048.9, 3782188.8,     442.5,    1259.2,       0.0);         ( 402068.9,
3782188.8,     425.8,    1259.2,       0.0);
     ( 402088.9, 3782188.8,     416.9,    1259.2,       0.0);         ( 402108.9,
3782188.8,     420.0,    1259.2,       0.0);
     ( 402128.9, 3782188.8,     416.5,    1259.2,       0.0);         ( 402148.9,
3782188.8,     402.9,    1259.2,       0.0);
     ( 402168.9, 3782188.8,     390.9,    1259.2,       0.0);         ( 402188.9,
3782188.8,     395.4,    1259.2,       0.0);
     ( 402208.9, 3782188.8,     405.6,    1259.2,       0.0);         ( 402228.9,
3782188.8,     416.2,    1259.2,       0.0);
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     ( 402248.9, 3782188.8,     426.2,    1259.2,       0.0);         ( 402268.9,
3782188.8,     437.1,    1259.2,       0.0);
     ( 402288.9, 3782188.8,     446.2,    1259.2,       0.0);         ( 402308.9,
3782188.8,     461.2,    1259.2,       0.0);
     ( 402328.9, 3782188.8,     475.2,    1259.2,       0.0);         ( 402348.9,
3782188.8,     490.8,    1259.2,       0.0);
     ( 402368.9, 3782188.8,     490.8,    1259.2,       0.0);         ( 402388.9,
3782188.8,     479.4,    1259.2,       0.0);
     ( 402408.9, 3782188.8,     462.8,    1259.2,       0.0);         ( 402428.9,
3782188.8,     440.3,    1259.2,       0.0);
     ( 402448.9, 3782188.8,     426.9,    1259.2,       0.0);         ( 402468.9,
3782188.8,     421.2,    1259.2,       0.0);
     ( 402488.9, 3782188.8,     444.0,    1259.2,       0.0);         ( 402508.9,
3782188.8,     464.3,    1259.2,       0.0);
     ( 401308.9, 3782208.8,     419.2,    1259.2,       0.0);         ( 401328.9,
3782208.8,     422.1,    1259.2,       0.0);
     ( 401348.9, 3782208.8,     428.0,    1259.2,       0.0);         ( 401368.9,
3782208.8,     430.3,    1259.2,       0.0);
     ( 401388.9, 3782208.8,     435.0,    1259.2,       0.0);         ( 401408.9,
3782208.8,     434.5,    1259.2,       0.0);
     ( 401428.9, 3782208.8,     432.2,    1259.2,       0.0);         ( 401448.9,
3782208.8,     432.6,    1259.2,       0.0);
     ( 401468.9, 3782208.8,     429.8,    1259.2,       0.0);         ( 401488.9,
3782208.8,     423.3,    1259.2,       0.0);
     ( 401508.9, 3782208.8,     436.0,    1259.2,       0.0);         ( 401528.9,
3782208.8,     455.5,    1259.2,       0.0);
     ( 401548.9, 3782208.8,     471.9,    1259.2,       0.0);         ( 401568.9,
3782208.8,     480.2,    1259.2,       0.0);
     ( 401588.9, 3782208.8,     477.2,    1259.2,       0.0);         ( 401608.9,
3782208.8,     480.2,    1259.2,       0.0);
     ( 401628.9, 3782208.8,     479.4,    1259.2,       0.0);         ( 401648.9,
3782208.8,     480.5,    1259.2,       0.0);
     ( 401668.9, 3782208.8,     470.5,    1259.2,       0.0);         ( 401688.9,
3782208.8,     480.7,    1259.2,       0.0);
     ( 401708.9, 3782208.8,     487.7,    1259.2,       0.0);         ( 401728.9,
3782208.8,     481.2,    1259.2,       0.0);
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

```
     ( 401748.9, 3782208.8,     467.7,    1259.2,       0.0);         ( 401768.9,
3782208.8,     451.1,    1259.2,       0.0);
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     ( 401788.9, 3782208.8,     442.4,    1259.2,       0.0);         ( 401808.9,
3782208.8,     458.1,    1259.2,       0.0);
     ( 401828.9, 3782208.8,     474.0,    1259.2,       0.0);         ( 401848.9,
3782208.8,     486.7,    1259.2,       0.0);
     ( 401868.9, 3782208.8,     488.5,    1259.2,       0.0);         ( 401888.9,
3782208.8,     479.0,    1259.2,       0.0);
     ( 401908.9, 3782208.8,     462.4,    1259.2,       0.0);         ( 401928.9,
3782208.8,     444.5,    1259.2,       0.0);
     ( 401948.9, 3782208.8,     430.0,    1259.2,       0.0);         ( 401968.9,
3782208.8,     444.4,    1259.2,       0.0);
     ( 401988.9, 3782208.8,     465.6,    1259.2,       0.0);         ( 402008.9,
3782208.8,     473.2,    1259.2,       0.0);
     ( 402028.9, 3782208.8,     458.8,    1259.2,       0.0);         ( 402048.9,
3782208.8,     440.4,    1259.2,       0.0);
     ( 402068.9, 3782208.8,     425.2,    1259.2,       0.0);         ( 402088.9,
3782208.8,     427.4,    1259.2,       0.0);
     ( 402108.9, 3782208.8,     427.9,    1259.2,       0.0);         ( 402128.9,
3782208.8,     416.0,    1259.2,       0.0);
     ( 402148.9, 3782208.8,     407.4,    1259.2,       0.0);         ( 402168.9,
3782208.8,     400.3,    1259.2,       0.0);
     ( 402188.9, 3782208.8,     392.7,    1259.2,       0.0);         ( 402208.9,
3782208.8,     407.1,    1259.2,       0.0);
     ( 402228.9, 3782208.8,     413.1,    1259.2,       0.0);         ( 402248.9,
3782208.8,     421.5,    1259.2,       0.0);
     ( 402268.9, 3782208.8,     435.3,    1259.2,       0.0);         ( 402288.9,
3782208.8,     449.9,    1259.2,       0.0);
     ( 402308.9, 3782208.8,     463.6,    1259.2,       0.0);         ( 402328.9,
3782208.8,     479.2,    1259.2,       0.0);
     ( 402348.9, 3782208.8,     493.0,    1259.2,       0.0);         ( 402368.9,
3782208.8,     500.5,    1259.2,       0.0);
     ( 402388.9, 3782208.8,     485.5,    1259.2,       0.0);         ( 402408.9,
3782208.8,     466.9,    1259.2,       0.0);
     ( 402428.9, 3782208.8,     452.2,    1259.2,       0.0);         ( 402448.9,
3782208.8,     432.0,    1259.2,       0.0);
     ( 402468.9, 3782208.8,     422.6,    1259.2,       0.0);         ( 402488.9,
3782208.8,     441.3,    1259.2,       0.0);
     ( 402508.9, 3782208.8,     462.5,    1259.2,       0.0);         ( 402116.1,
3781609.3,     337.3,    1259.2,       0.0);
     ( 402111.6, 3781631.8,     339.5,    1259.2,       0.0);         ( 402072.8,
3781724.6,     352.4,    1259.2,       0.0);
     ( 402058.7, 3781776.9,     357.6,    1259.2,       0.0);         ( 402061.5,
3781812.9,     361.2,    1259.2,       0.0);
     ( 402065.5, 3781834.9,     364.4,    1259.2,       0.0);         ( 401913.1,
3781829.8,     362.0,    1259.2,       0.0);
     ( 401870.3, 3781887.2,     368.2,    1259.2,       0.0);         ( 401788.8,
3781884.9,     371.5,    1259.2,       0.0);
     ( 401791.0, 3781611.6,     340.6,    1259.2,       0.0);

 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
                      LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000898	402088.9	3781688.8	-1.60
L0000899	402088.9	3781688.8	-0.74
L0000912	402108.9	3781648.8	-1.01
L0000913	402108.9	3781648.8	-1.84
L0000937	402168.9	3781608.8	-0.55
L0000938	402168.9	3781608.8	-1.05
L0000943	402188.9	3781608.8	0.51
L0000944	402188.9	3781608.8	-1.43
L0000945	402188.9	3781608.8	0.35
L0000950	402208.9	3781608.8	-0.94
L0000951	402208.9	3781608.8	-0.69
L0000956	402228.9	3781608.8	-0.15
L0000957	402228.9	3781608.8	-2.59
L0000958	402228.9	3781608.8	0.23
L0000977	402288.9	3781588.8	0.79
L0000983	402308.9	3781588.8	

```
-1.60
                              L0000984            402308.9     3781588.8
-1.35
                              L0000989            402328.9     3781588.8
-0.06
                              L0000990            402328.9     3781588.8
-1.60
                              L0000991            402328.9     3781588.8
0.72
                              L0000996            402348.9     3781588.8
-1.03
                              L0000997            402348.9     3781588.8
-0.22
                              L0001002            402368.9     3781588.8
-0.16
                              L0001003            402368.9     3781588.8
-0.93
                              L0001008            402388.9     3781588.8
0.94
                              L0001009            402388.9     3781588.8
-0.99
                              L0001010            402388.9     3781588.8
0.35
                              L0001015            402408.9     3781588.8
-0.37
                              L0001016            402408.9     3781588.8
-0.45
                              L0001021            402428.9     3781588.8
0.60
                              L0001022            402428.9     3781588.8
-0.79
                              L0001023            402428.9     3781588.8
0.94
                              L0001028            402448.9     3781588.8
-0.46
                              L0001029            402448.9     3781588.8
0.06
                              L0001034            402468.9     3781588.8
0.34
                              L0001035            402468.9     3781588.8
-0.46
                              L0001041            402488.9     3781588.8
-0.42
                              L0001042            402488.9     3781588.8
0.60
                              L0001047            402508.9     3781588.8
0.17
                              L0001048            402508.9     3781588.8
-0.05
↑ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
```

                     * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
                       LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001208	403013.2	3781577.6	0.96
L0001209	403013.2	3781577.6	-1.61
L0001210	403013.2	3781577.6	-0.40
L0001298	403013.2	3781314.0	0.95
L0001299	403013.2	3781314.0	-1.87
L0001300	403013.2	3781314.0	-0.67

                                        *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                                (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\AzusaADJU\AZUS_V9_ADJU\AZUS_v9.SFC
Met Version: 16216
Profile file: ..\AzusaADJU\AZUS_V9_ADJU\AZUS_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3179 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT

```
 12 01 01   1 01  -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
1.00    1.80   20.    9.1  293.1    5.5
 12 01 01   1 02  -32.6  0.342 -9.000 -9.000 -999.  481.    128.9  0.36   1.68
1.00    2.70   99.    9.1  293.1    5.5
 12 01 01   1 03  -26.4  0.277 -9.000 -9.000 -999.  351.     84.1  0.36   1.68
1.00    2.20   14.    9.1  292.0    5.5
 12 01 01   1 04  -32.6  0.342 -9.000 -9.000 -999.  480.    128.9  0.36   1.68
1.00    2.70   10.    9.1  292.5    5.5
 12 01 01   1 05  -26.4  0.277 -9.000 -9.000 -999.  351.     84.1  0.36   1.68
1.00    2.20   12.    9.1  292.5    5.5
 12 01 01   1 06  -21.6  0.224 -9.000 -9.000 -999.  256.     55.2  0.36   1.68
1.00    1.80  118.    9.1  289.2    5.5
 12 01 01   1 07  -26.6  0.277 -9.000 -9.000 -999.  349.     84.1  0.36   1.68
1.00    2.20   64.    9.1  290.9    5.5
 12 01 01   1 08   -1.3  0.062 -9.000 -9.000 -999.  124.     16.5  0.36   1.68
0.55    0.40   36.    9.1  290.9    5.5
 12 01 01   1 09   38.1  0.160  0.348  0.008   39.  153.     -9.5  0.36   1.68
0.32    0.90  124.    9.1  293.8    5.5
 12 01 01   1 10   99.5  0.179  0.693  0.007  119.  181.     -5.1  0.36   1.68
0.25    0.90   21.    9.1  298.1    5.5
 12 01 01   1 11  142.6  0.494  1.086  0.005  321.  832.    -75.2  0.36   1.68
0.22    3.60  141.    9.1  299.9    5.5
 12 01 01   1 12  162.8  0.442  1.385  0.005  582.  709.    -47.3  0.36   1.68
0.21    3.10  122.    9.1  299.9    5.5
 12 01 01   1 13  164.4  0.298  1.634  0.005  946.  405.    -14.3  0.36   1.68
0.21    1.80  114.    9.1  300.9    5.5
 12 01 01   1 14  142.7  0.293  1.718  0.005 1265.  382.    -15.8  0.36   1.68
0.22    1.80   93.    9.1  302.5    5.5
 12 01 01   1 15   96.7  0.283  1.575  0.005 1438.  361.    -20.7  0.36   1.68
0.26    1.80  110.    9.1  303.8    5.5
 12 01 01   1 16   41.5  0.207  1.201  0.005 1485.  228.    -18.9  0.36   1.68
0.35    1.30  113.    9.1  304.2    5.5
 12 01 01   1 17  -37.8  0.464 -9.000 -9.000 -999.  757.    236.3  0.36   1.68
0.62    3.60  251.    9.1  300.9    5.5
 12 01 01   1 18  -26.1  0.277 -9.000 -9.000 -999.  379.     84.2  0.36   1.68
1.00    2.20    8.    9.1  296.4    5.5
 12 01 01   1 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.36   1.68
1.00  999.00  999.   -9.0  295.9    5.5
 12 01 01   1 20   -5.7  0.107 -9.000 -9.000 -999.   84.     19.3  0.36   1.68
1.00    0.90   35.    9.1  295.4    5.5
 12 01 01   1 21  -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
1.00    1.80  213.    9.1  293.8    5.5
 12 01 01   1 22  -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
1.00    1.80   52.    9.1  293.8    5.5
 12 01 01   1 23  -26.3  0.277 -9.000 -9.000 -999.  349.     84.2  0.36   1.68
1.00    2.20   58.    9.1  293.8    5.5
 12 01 01   1 24  -21.4  0.224 -9.000 -9.000 -999.  256.     55.3  0.36   1.68
1.00    1.80   83.    9.1  292.5    5.5
```

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	293.2	99.0	-99.00	-99.00
12	01	01	01	9.1	1	20.	1.80	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
399067.96	3778941.97	0.11878	399349.76	3778941.97	0.12813
399631.56	3778941.97	0.13798	399913.36	3778941.97	0.14919
400195.16	3778941.97	0.16014	400476.96	3778941.97	0.17093
400758.76	3778941.97	0.18053	401040.56	3778941.97	0.18840
401322.36	3778941.97	0.19362	401604.16	3778941.97	0.19608
401885.96	3778941.97	0.19605	402167.76	3778941.97	0.19364
402449.56	3778941.97	0.18865	402731.36	3778941.97	0.18130
403013.16	3778941.97	0.17269	403294.96		

3778941.97 0.16286
403576.76 3778941.97 0.15203 403858.56
3778941.97 0.14137
404140.36 3778941.97 0.13020 404422.16
3778941.97 0.12087
404703.96 3778941.97 0.11211 399067.96
3779205.53 0.12792
399349.76 3779205.53 0.13873 399631.56
3779205.53 0.15066
399913.36 3779205.53 0.16452 400195.16
3779205.53 0.17868
400476.96 3779205.53 0.19270 400758.76
3779205.53 0.20603
401040.56 3779205.53 0.21690 401322.36
3779205.53 0.22791
401604.16 3779205.53 0.23050 401885.96
3779205.53 0.23098
402167.76 3779205.53 0.22804 402449.56
3779205.53 0.22117
402731.36 3779205.53 0.21077 403013.16
3779205.53 0.19857
403294.96 3779205.53 0.18514 403576.76
3779205.53 0.17117
403858.56 3779205.53 0.15726 404140.36
3779205.53 0.14390
404422.16 3779205.53 0.13181 404703.96
3779205.53 0.12121
399067.96 3779469.09 0.13778 399349.76
3779469.09 0.15032
399631.56 3779469.09 0.16470 399913.36
3779469.09 0.18206
400195.16 3779469.09 0.20003 400476.96
3779469.09 0.21861
400758.76 3779469.09 0.23701 401040.56
3779469.09 0.25567
401322.36 3779469.09 0.26838 401604.16
3779469.09 0.27559
401885.96 3779469.09 0.27801 402167.76
3779469.09 0.27343
402449.56 3779469.09 0.26368 402731.36
3779469.09 0.24937
403013.16 3779469.09 0.23111 403294.96
3779469.09 0.21252
403576.76 3779469.09 0.19341 403858.56
3779469.09 0.17547
404140.36 3779469.09 0.15888 404422.16
3779469.09 0.14367
404703.96 3779469.09 0.13088 399067.96
3779732.65 0.14814
399349.76 3779732.65 0.16314 399631.56

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
403858.56	3779732.65	0.19633	404140.36	3779732.65	0.17467
404422.16	3779732.65	0.15692	404703.96	3779732.65	0.14116
399067.96	3779996.21	0.15885	399349.76	3779996.21	0.17680

399631.56 3779996.21 0.19812 399913.36
3779996.21 0.22381
400195.16 3779996.21 0.25338 400476.96
3779996.21 0.28784
400758.76 3779996.21 0.33473 401040.56
3779996.21 0.37047
401322.36 3779996.21 0.40293 401604.16
3779996.21 0.42645
401885.96 3779996.21 0.43456 402167.76
3779996.21 0.42509
402449.56 3779996.21 0.39836 402731.36
3779996.21 0.36445
403013.16 3779996.21 0.32675 403294.96
3779996.21 0.28700
403576.76 3779996.21 0.25100 403858.56
3779996.21 0.21958
404140.36 3779996.21 0.19299 404422.16
3779996.21 0.17080
404703.96 3779996.21 0.15212 399067.96
3780259.77 0.16989
399349.76 3780259.77 0.19048 399631.56
3780259.77 0.21635
399913.36 3780259.77 0.24801 400195.16
3780259.77 0.28741
400476.96 3780259.77 0.34547 400758.76
3780259.77 0.40080
401040.56 3780259.77 0.45883 401322.36
3780259.77 0.51577
401604.16 3780259.77 0.55804 401885.96
3780259.77 0.57326
402167.76 3780259.77 0.55570 402449.56
3780259.77 0.51244
402731.36 3780259.77 0.45542 403013.16
3780259.77 0.39413
403294.96 3780259.77 0.33669 403576.76
3780259.77 0.28706
403858.56 3780259.77 0.24597 404140.36
3780259.77 0.21240
404422.16 3780259.77 0.18562 404703.96
3780259.77 0.16373
399067.96 3780523.33 0.18080 399349.76
3780523.33 0.20466
399631.56 3780523.33 0.23465 399913.36
3780523.33 0.27412
400195.16 3780523.33 0.32854 400476.96
3780523.33 0.39307
400758.76 3780523.33 0.48705 401040.56
3780523.33 0.58271
401322.36 3780523.33 0.68492 401604.16
3780523.33 0.77065

```
         401885.96    3780523.33        0.80297                      402167.76
3780523.33        0.76836
         402449.56    3780523.33        0.68709                      402731.36
3780523.33        0.58532
         403013.16    3780523.33        0.48370                      403294.96
3780523.33        0.39734
         403576.76    3780523.33        0.32883                      403858.56
3780523.33        0.27551
         404140.36    3780523.33        0.23311                      404422.16
3780523.33        0.20052
         404703.96    3780523.33        0.17507                      399067.96
3780786.89        0.19060
         399349.76    3780786.89        0.21837                      399631.56
3780786.89        0.24849
         399913.36    3780786.89        0.29970                      400195.16
3780786.89        0.36802
         400476.96    3780786.89        0.46366                      400758.76
3780786.89        0.59746
         401040.56    3780786.89        0.75829                      401322.36
3780786.89        0.95876
         401604.16    3780786.89        1.14589                      401885.96
3780786.89        1.22367
         402167.76    3780786.89        1.14291                      402449.56
3780786.89        0.97040
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
```

Y-COORD (M)   CONC
 -
- -
         402731.36   3780786.89   0.76984   403013.16
3780786.89   0.59792
         403294.96   3780786.89   0.47018   403576.76
3780786.89   0.37693
         403858.56   3780786.89   0.30824   404140.36
3780786.89   0.25467
         404422.16   3780786.89   0.21580   404703.96
3780786.89   0.18924
         399067.96   3781050.45   0.19972   399349.76
3781050.45   0.23113
         399631.56   3781050.45   0.27093   399913.36
3781050.45   0.32124
         400195.16   3781050.45   0.40856   400476.96
3781050.45   0.53911
         400758.76   3781050.45   0.73128   401040.56
3781050.45   1.00466
         401322.36   3781050.45   1.40633   401604.16
3781050.45   1.89008
         401885.96   3781050.45   2.15763   402167.76
3781050.45   1.92378
         402449.56   3781050.45   1.45858   402731.36
3781050.45   1.03393
         403013.16   3781050.45   0.74743   403294.96
3781050.45   0.55848
         403576.76   3781050.45   0.43001   403858.56
3781050.45   0.34121
         404140.36   3781050.45   0.27785   404422.16
3781050.45   0.23351
         404703.96   3781050.45   0.20428   399067.96
3781314.01   0.20786
         399349.76   3781314.01   0.23945   399631.56
3781314.01   0.28551
         399913.36   3781314.01   0.35892   400195.16
3781314.01   0.47998
         400476.96   3781314.01   0.61365   400758.76
3781314.01   0.87234
         401040.56   3781314.01   1.31548   401322.36
3781314.01   2.13535
         401604.16   3781314.01   3.62870   401885.96
3781314.01   5.10521
         402167.76   3781314.01   4.03227   402449.56
3781314.01   2.32994
         402731.36   3781314.01   1.42990   403013.16
3781314.01   0.93159
         403294.96   3781314.01   0.65707   403576.76
3781314.01   0.48411
         403858.56   3781314.01   0.37458   404140.36

3781314.01   0.29777
         404422.16   3781314.01   0.25667   404703.96
3781314.01   0.22017
         399067.96   3781577.57   0.21038   399349.76
3781577.57   0.24406
         399631.56   3781577.57   0.30216   399913.36
3781577.57   0.39467
         400195.16   3781577.57   0.51265   400476.96
3781577.57   0.68406
         400758.76   3781577.57   0.97227   401040.56
3781577.57   1.56168
         401322.36   3781577.57   2.90156   401604.16
3781577.57   7.83750
         401885.96   3781577.57   35.64022   402167.76
3781577.57   13.13604
         402449.56   3781577.57   3.82001   402731.36
3781577.57   1.90562
         403013.16   3781577.57   1.12678   403294.96
3781577.57   0.75460
         403576.76   3781577.57   0.54722   403858.56
3781577.57   0.43942
         404140.36   3781577.57   0.33270   404422.16
3781577.57   0.28590
         404703.96   3781577.57   0.23841   399067.96
3781841.13   0.21159
         399349.76   3781841.13   0.25249   399631.56
3781841.13   0.32599
         399913.36   3781841.13   0.40220   400195.16
3781841.13   0.52328
         400476.96   3781841.13   0.68932   400758.76
3781841.13   0.99033
         401040.56   3781841.13   1.27756   401322.36
3781841.13   2.20897

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                                    L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                                    L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                                    L0000022   , L0000023   , L0000024   , L0000025   , L0000026

, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401604.16	3781841.13	7.15857	402167.76	3781841.13	15.07309
402449.56	3781841.13	5.34794	402731.36	3781841.13	2.62575
403013.16	3781841.13	1.85440	403294.96	3781841.13	1.20511
403576.76	3781841.13	0.90729	403858.56	3781841.13	0.44727
404140.36	3781841.13	0.36791	404422.16	3781841.13	0.38482
404703.96	3781841.13	0.27373	399067.96	3782104.69	0.21157
399349.76	3782104.69	0.25824	399631.56	3782104.69	0.32214
399913.36	3782104.69	0.37383	400195.16	3782104.69	0.41548
400476.96	3782104.69	0.47390	400758.76	3782104.69	0.83501
401040.56	3782104.69	0.76348	401322.36	3782104.69	0.92121
401604.16	3782104.69	1.44468	401885.96	3782104.69	1.64678
402167.76	3782104.69	2.85094	402449.56	3782104.69	2.09733
402731.36	3782104.69	1.88007	403013.16	3782104.69	1.54996
403294.96	3782104.69	1.16801	403576.76	3782104.69	0.86747
403858.56	3782104.69	0.46306	404140.36	3782104.69	0.52083
404422.16	3782104.69	0.41809	404703.96	3782104.69	0.39122
399067.96	3782368.25	0.21009	399349.76	3782368.25	0.25481
399631.56	3782368.25	0.27496	399913.36	3782368.25	0.26437
400195.16	3782368.25	0.30296	400476.96	3782368.25	0.28354

```
         400758.76    3782368.25        0.37187                     401040.56
3782368.25        0.32316
         401322.36    3782368.25        0.42373                     401604.16
3782368.25        0.45072
         401885.96    3782368.25        0.50529                     402167.76
3782368.25        0.62696
         402449.56    3782368.25        0.58884                     402731.36
3782368.25        0.66818
         403013.16    3782368.25        0.75814                     403294.96
3782368.25        0.79384
         403576.76    3782368.25        0.75692                     403858.56
3782368.25        0.67858
         404140.36    3782368.25        0.56147                     404422.16
3782368.25        0.47145
         404703.96    3782368.25        0.38724                     399067.96
3782631.81        0.20615
         399349.76    3782631.81        0.17182                     399631.56
3782631.81        0.25399
         399913.36    3782631.81        0.15460                     400195.16
3782631.81        0.17593
         400476.96    3782631.81        0.17780                     400758.76
3782631.81        0.19615
         401040.56    3782631.81        0.19544                     401322.36
3782631.81        0.21369
         401604.16    3782631.81        0.26017                     401885.96
3782631.81        0.27710
         402167.76    3782631.81        0.29097                     402449.56
3782631.81        0.29629
         402731.36    3782631.81        0.30588                     403013.16
3782631.81        0.34479
         403294.96    3782631.81        0.39080                     403576.76
3782631.81        0.43054
         403858.56    3782631.81        0.45185                     404140.36
3782631.81        0.44620
         404422.16    3782631.81        0.42324                     404703.96
3782631.81        0.38917
         399067.96    3782895.37        0.20049                     399349.76
3782895.37        0.22421
         399631.56    3782895.37        0.10508                     399913.36
3782895.37        0.15405
         400195.16    3782895.37        0.11863                     400476.96
3782895.37        0.13255
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400758.76	3782895.37	0.12735	401040.56	3782895.37	0.13868
401322.36	3782895.37	0.14890	401604.16	3782895.37	0.17322
401885.96	3782895.37	0.17078	402167.76	3782895.37	0.17229
402449.56	3782895.37	0.18757	402731.36	3782895.37	0.19284
403013.16	3782895.37	0.19636	403294.96	3782895.37	0.21897
403576.76	3782895.37	0.24852	403858.56	3782895.37	0.26519
404140.36	3782895.37	0.28029	404422.16	3782895.37	0.29041
404703.96	3782895.37	0.29479	399067.96	3783158.93	0.17696
399349.76	3783158.93	0.11589	399631.56	3783158.93	0.07496
399913.36	3783158.93	0.08849	400195.16	3783158.93	0.09057
400476.96	3783158.93	0.09368	400758.76	3783158.93	0.10264
401040.56	3783158.93	0.10018	401322.36	3783158.93	0.11269
401604.16	3783158.93	0.12545	401885.96	3783158.93	0.12148
402167.76	3783158.93	0.11948	402449.56	3783158.93	0.12971
402731.36	3783158.93	0.13567	403013.16		

3783158.93 0.12344
403294.96 3783158.93 0.14240 403576.76
3783158.93 0.15720
403858.56 3783158.93 0.17108 404140.36
3783158.93 0.18146
404422.16 3783158.93 0.19047 404703.96
3783158.93 0.19944
399067.96 3783422.49 0.08414 399349.76
3783422.49 0.06245
399631.56 3783422.49 0.06631 399913.36
3783422.49 0.06811
400195.16 3783422.49 0.06902 400476.96
3783422.49 0.07441
400758.76 3783422.49 0.07573 401040.56
3783422.49 0.08081
401322.36 3783422.49 0.08710 401604.16
3783422.49 0.09588
401885.96 3783422.49 0.09247 402167.76
3783422.49 0.09056
402449.56 3783422.49 0.09556 402731.36
3783422.49 0.10241
403013.16 3783422.49 0.09033 403294.96
3783422.49 0.10540
403576.76 3783422.49 0.11076 403858.56
3783422.49 0.11790
404140.36 3783422.49 0.12689 404422.16
3783422.49 0.13178
404703.96 3783422.49 0.12991 399067.96
3783686.05 0.04984
399349.76 3783686.05 0.05184 399631.56
3783686.05 0.05193
399913.36 3783686.05 0.05439 400195.16
3783686.05 0.05814
400476.96 3783686.05 0.05892 400758.76
3783686.05 0.06090
401040.56 3783686.05 0.06847 401322.36
3783686.05 0.06998
401604.16 3783686.05 0.07585 401885.96
3783686.05 0.06428
402167.76 3783686.05 0.06133 402449.56
3783686.05 0.06461
402731.36 3783686.05 0.06044 403013.16
3783686.05 0.04898
403294.96 3783686.05 0.08214 403576.76
3783686.05 0.08454
403858.56 3783686.05 0.08763 404140.36
3783686.05 0.09166
404422.16 3783686.05 0.09824 404703.96
3783686.05 0.08319
399067.96 3783949.61 0.04287 399349.76

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
399631.56	3783949.61	0.04459	399913.36	3783949.61	0.04753
400195.16	3783949.61	0.04794	400476.96	3783949.61	0.04821
400758.76	3783949.61	0.05174	401040.56	3783949.61	0.05789
401322.36	3783949.61	0.05893	401604.16	3783949.61	0.05934
401885.96	3783949.61	0.03319	402167.76	3783949.61	0.02853
402449.56	3783949.61	0.03707	402731.36	3783949.61	0.03084
403013.16	3783949.61	0.06120	403294.96	3783949.61	0.06930
403576.76	3783949.61	0.06908	403858.56	3783949.61	0.06959
404140.36	3783949.61	0.07078	404422.16	3783949.61	0.06093
404703.96	3783949.61	0.05604	399067.96	3784213.17	0.03576

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         399349.76    3784213.17        0.03730                    399631.56
3784213.17        0.04003
         399913.36    3784213.17        0.04074                    400195.16
3784213.17        0.03493
         400476.96    3784213.17        0.03192                    400758.76
3784213.17        0.03055
         401040.56    3784213.17        0.04810                    401322.36
3784213.17        0.05083
         401604.16    3784213.17        0.05377                    401885.96
3784213.17        0.02363
         402167.76    3784213.17        0.01325                    402449.56
3784213.17        0.02006
         402731.36    3784213.17        0.04491                    403013.16
3784213.17        0.05507
         403294.96    3784213.17        0.05915                    403576.76
3784213.17        0.05790
         403858.56    3784213.17        0.05140                    404140.36
3784213.17        0.04092
         404422.16    3784213.17        0.03130                    404703.96
3784213.17        0.04470
         401308.88    3781008.78        1.30063                    401328.88
3781008.78        1.32835
         401348.88    3781008.78        1.35784                    401368.88
3781008.78        1.38876
         401388.88    3781008.78        1.41568                    401408.88
3781008.78        1.44068
         401428.88    3781008.78        1.47383                    401448.88
3781008.78        1.50667
         401468.88    3781008.78        1.53483                    401488.88
3781008.78        1.56350
         401508.88    3781008.78        1.59422                    401528.88
3781008.78        1.62222
         401548.88    3781008.78        1.64945                    401568.88
3781008.78        1.67821
         401588.88    3781008.78        1.70569                    401608.88
3781008.78        1.73640
         401628.88    3781008.78        1.76451                    401648.88
3781008.78        1.78954
         401668.88    3781008.78        1.81379                    401688.88
3781008.78        1.83469
         401708.88    3781008.78        1.85139                    401728.88
3781008.78        1.86844
         401748.88    3781008.78        1.88336                    401768.88
3781008.78        1.89611
         401788.88    3781008.78        1.90889                    401808.88
3781008.78        1.91875
         401828.88    3781008.78        1.92981                    401848.88
3781008.78        1.93907
         401868.88    3781008.78        1.94177                    401888.88
3781008.78        1.94412
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402108.88	3781008.78	1.81943	402128.88	3781008.78	1.79746
402148.88	3781008.78	1.77338	402168.88	3781008.78	1.74663
402188.88	3781008.78	1.72230	402208.88	3781008.78	1.69844
402228.88	3781008.78	1.67525	402248.88	3781008.78	1.64967
402268.88	3781008.78	1.62147	402288.88	3781008.78	1.59341
402308.88	3781008.78	1.56343	402328.88		

3781008.78 1.53649
402348.88 3781008.78 1.50659 402368.88
3781008.78 1.47806
402388.88 3781008.78 1.44970 402408.88
3781008.78 1.42074
402428.88 3781008.78 1.39219 402448.88
3781008.78 1.36306
402468.88 3781008.78 1.33417 402488.88
3781008.78 1.30612
402508.88 3781008.78 1.27623 401308.88
3781028.78 1.34138
401328.88 3781028.78 1.37000 401348.88
3781028.78 1.40302
401368.88 3781028.78 1.43338 401388.88
3781028.78 1.46086
401408.88 3781028.78 1.49986 401428.88
3781028.78 1.52919
401448.88 3781028.78 1.55971 401468.88
3781028.78 1.59426
401488.88 3781028.78 1.62265 401508.88
3781028.78 1.65329
401528.88 3781028.78 1.68503 401548.88
3781028.78 1.71540
401568.88 3781028.78 1.74632 401588.88
3781028.78 1.77555
401608.88 3781028.78 1.80757 401628.88
3781028.78 1.84164
401648.88 3781028.78 1.86870 401668.88
3781028.78 1.89407
401688.88 3781028.78 1.91744 401708.88
3781028.78 1.93725
401728.88 3781028.78 1.95635 401748.88
3781028.78 1.97361
401768.88 3781028.78 1.98749 401788.88
3781028.78 2.00142
401808.88 3781028.78 2.01309 401828.88
3781028.78 2.02594
401848.88 3781028.78 2.03604 401868.88
3781028.78 2.03834
401888.88 3781028.78 2.04385 401908.88
3781028.78 2.04260
401928.88 3781028.78 2.04019 401948.88
3781028.78 2.03551
401968.88 3781028.78 2.02678 401988.88
3781028.78 2.01520
402008.88 3781028.78 2.00138 402028.88
3781028.78 1.98184
402048.88 3781028.78 1.96618 402068.88
3781028.78 1.94881
402088.88 3781028.78 1.92760 402108.88

3781028.78   1.90267
         402128.88   3781028.78   1.87907   402148.88
3781028.78   1.85453
         402168.88   3781028.78   1.82478   402188.88
3781028.78   1.79897
         402208.88   3781028.78   1.77299   402228.88
3781028.78   1.74819
         402248.88   3781028.78   1.72004   402268.88
3781028.78   1.68966
         402288.88   3781028.78   1.65907   402308.88
3781028.78   1.62600
         402328.88   3781028.78   1.59713   402348.88
3781028.78   1.56353
         402368.88   3781028.78   1.53301   402388.88
3781028.78   1.50286
         402408.88   3781028.78   1.47110   402428.88
3781028.78   1.43949
         402448.88   3781028.78   1.40745   402468.88
3781028.78   1.37748

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***

INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402488.88	3781028.78	1.34653	402508.88	3781028.78	1.31573

401308.88 3781048.78 1.38154 401328.88
3781048.78 1.41415
401348.88 3781048.78 1.44703 401368.88
3781048.78 1.47929
401388.88 3781048.78 1.51197 401408.88
3781048.78 1.54851
401428.88 3781048.78 1.58388 401448.88
3781048.78 1.61922
401468.88 3781048.78 1.65196 401488.88
3781048.78 1.68395
401508.88 3781048.78 1.72362 401528.88
3781048.78 1.75514
401548.88 3781048.78 1.78616 401568.88
3781048.78 1.81858
401588.88 3781048.78 1.85150 401608.88
3781048.78 1.89162
401628.88 3781048.78 1.92859 401648.88
3781048.78 1.95948
401668.88 3781048.78 1.98399 401688.88
3781048.78 2.00554
401708.88 3781048.78 2.02961 401728.88
3781048.78 2.05083
401748.88 3781048.78 2.06961 401768.88
3781048.78 2.08594
401788.88 3781048.78 2.10163 401808.88
3781048.78 2.11410
401828.88 3781048.78 2.12921 401848.88
3781048.78 2.13926
401868.88 3781048.78 2.14349 401888.88
3781048.78 2.14814
401908.88 3781048.78 2.14629 401928.88
3781048.78 2.14486
401948.88 3781048.78 2.13947 401968.88
3781048.78 2.12833
401988.88 3781048.78 2.11633 402008.88
3781048.78 2.10001
402028.88 3781048.78 2.07714 402048.88
3781048.78 2.06317
402068.88 3781048.78 2.04287 402088.88
3781048.78 2.02126
402108.88 3781048.78 1.99346 402128.88
3781048.78 1.96929
402148.88 3781048.78 1.94068 402168.88
3781048.78 1.91515
402188.88 3781048.78 1.88408 402208.88
3781048.78 1.85260
402228.88 3781048.78 1.82524 402248.88
3781048.78 1.79416
402268.88 3781048.78 1.76106 402288.88
3781048.78 1.72820

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         402308.88    3781048.78        1.69115                        402328.88
3781048.78        1.65743
         402348.88    3781048.78        1.62389                        402368.88
3781048.78        1.58982
         402388.88    3781048.78        1.55679                        402408.88
3781048.78        1.52283
         402428.88    3781048.78        1.48887                        402448.88
3781048.78        1.45546
         402468.88    3781048.78        1.42212                        402488.88
3781048.78        1.38967
         402508.88    3781048.78        1.35638                        401308.88
3781068.78        1.42488
         401328.88    3781068.78        1.45782                        401348.88
3781068.78        1.49358
         401368.88    3781068.78        1.52801                        401388.88
3781068.78        1.56587
         401408.88    3781068.78        1.60391                        401428.88
3781068.78        1.64396
         401448.88    3781068.78        1.67886                        401468.88
3781068.78        1.71308
         401488.88    3781068.78        1.75285                        401508.88
3781068.78        1.79060
         401528.88    3781068.78        1.82969                        401548.88
3781068.78        1.86084
         401568.88    3781068.78        1.89779                        401588.88
3781068.78        1.93328
         401608.88    3781068.78        1.97638                        401628.88
3781068.78        2.01604
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401648.88	3781068.78	2.05203	401668.88	3781068.78	2.08434
401688.88	3781068.78	2.10596	401708.88	3781068.78	2.12875
401728.88	3781068.78	2.15449	401748.88	3781068.78	2.17376
401768.88	3781068.78	2.19168	401788.88	3781068.78	2.20923
401808.88	3781068.78	2.22767	401828.88	3781068.78	2.24206
401848.88	3781068.78	2.25345	401868.88	3781068.78	2.25783
401888.88	3781068.78	2.26327	401908.88	3781068.78	2.26011
401928.88	3781068.78	2.25808	401948.88	3781068.78	2.25408
401968.88	3781068.78	2.24588	401988.88	3781068.78	2.23064
402008.88	3781068.78	2.21488	402028.88	3781068.78	2.18521
402048.88	3781068.78	2.17149	402068.88	3781068.78	2.14987
402088.88	3781068.78	2.12496	402108.88	3781068.78	2.09310
402128.88	3781068.78	2.06596	402148.88	3781068.78	2.03563
402168.88	3781068.78	2.00180	402188.88	3781068.78	1.96965
402208.88	3781068.78	1.93737	402228.88	3781068.78	1.90589
402248.88	3781068.78	1.87150	402268.88	3781068.78	1.83597
402288.88	3781068.78	1.79916	402308.88	3781068.78	1.76081
402328.88	3781068.78	1.72262	402348.88	3781068.78	1.68609
402368.88	3781068.78	1.65189	402388.88	3781068.78	1.61649
402408.88	3781068.78	1.57977	402428.88	3781068.78	1.54355
402448.88	3781068.78	1.50665	402468.88	3781068.78	1.46985
402488.88	3781068.78	1.43392	402508.88		

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3781068.78        1.39929
         401308.88    3781088.78        1.47117                        401328.88
3781088.78        1.50467
         401348.88    3781088.78        1.54197                        401368.88
3781088.78        1.57869
         401388.88    3781088.78        1.62146                        401408.88
3781088.78        1.65976
         401428.88    3781088.78        1.70436                        401448.88
3781088.78        1.74125
         401468.88    3781088.78        1.77910                        401488.88
3781088.78        1.82356
         401508.88    3781088.78        1.86143                        401528.88
3781088.78        1.90277
         401548.88    3781088.78        1.94040                        401568.88
3781088.78        1.98222
         401588.88    3781088.78        2.02164                        401608.88
3781088.78        2.06513
         401628.88    3781088.78        2.10432                        401648.88
3781088.78        2.14262
         401668.88    3781088.78        2.17982                        401688.88
3781088.78        2.21416
         401708.88    3781088.78        2.23468                        401728.88
3781088.78        2.26084
         401748.88    3781088.78        2.28603                        401768.88
3781088.78        2.30653
         401788.88    3781088.78        2.32648                        401808.88
3781088.78        2.34615
         401828.88    3781088.78        2.36312                        401848.88
3781088.78        2.37599
         401868.88    3781088.78        2.38191                        401888.88
3781088.78        2.38718
         401908.88    3781088.78        2.38618                        401928.88
3781088.78        2.38246
         401948.88    3781088.78        2.37479                        401968.88
3781088.78        2.36158
         401988.88    3781088.78        2.34805                        402008.88
3781088.78        2.32924
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
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, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         402028.88    3781088.78        2.30220                       402048.88
3781088.78        2.28589
         402068.88    3781088.78        2.26555                       402088.88
3781088.78        2.23297
         402108.88    3781088.78        2.20231                       402128.88
3781088.78        2.16955
         402148.88    3781088.78        2.13498                       402168.88
3781088.78        2.09696
         402188.88    3781088.78        2.06275                       402208.88
3781088.78        2.02861
         402228.88    3781088.78        1.99355                       402248.88
3781088.78        1.95607
         402268.88    3781088.78        1.91767                       402288.88
3781088.78        1.87825
         402308.88    3781088.78        1.83534                       402328.88
3781088.78        1.79455
         402348.88    3781088.78        1.75436                       402368.88
3781088.78        1.71463
         402388.88    3781088.78        1.67832                       402408.88
3781088.78        1.63851
         402428.88    3781088.78        1.59946                       402448.88
3781088.78        1.55794
         402468.88    3781088.78        1.51885                       402488.88
3781088.78        1.48064
         402508.88    3781088.78        1.44378                       401308.88
3781108.78        1.51752
         401328.88    3781108.78        1.55612                       401348.88
3781108.78        1.59367
         401368.88    3781108.78        1.63278                       401388.88
3781108.78        1.67943
         401408.88    3781108.78        1.72029                       401428.88
3781108.78        1.76656
         401448.88    3781108.78        1.80653                       401468.88
3781108.78        1.85079
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         401488.88    3781108.78        1.90002                      401508.88
3781108.78        1.93930
         401528.88    3781108.78        1.98447                      401548.88
3781108.78        2.02370
         401568.88    3781108.78        2.07080                      401588.88
3781108.78        2.11469
         401608.88    3781108.78        2.15948                      401628.88
3781108.78        2.20437
         401648.88    3781108.78        2.24853                      401668.88
3781108.78        2.29227
         401688.88    3781108.78        2.32914                      401708.88
3781108.78        2.34932
         401728.88    3781108.78        2.38099                      401748.88
3781108.78        2.40798
         401768.88    3781108.78        2.43229                      401788.88
3781108.78        2.45604
         401808.88    3781108.78        2.47906                      401828.88
3781108.78        2.49611
         401848.88    3781108.78        2.51034                      401868.88
3781108.78        2.51699
         401888.88    3781108.78        2.52471                      401908.88
3781108.78        2.52238
         401928.88    3781108.78        2.51966                      401948.88
3781108.78        2.51132
         401968.88    3781108.78        2.49466                      401988.88
3781108.78        2.47176
         402008.88    3781108.78        2.45634                      402028.88
3781108.78        2.42884
         402048.88    3781108.78        2.41337                      402068.88
3781108.78        2.38626
         402088.88    3781108.78        2.35223                      402108.88
3781108.78        2.31837
         402128.88    3781108.78        2.28420                      402148.88
3781108.78        2.25016
         402168.88    3781108.78        2.20311                      402188.88
3781108.78        2.16797
         402208.88    3781108.78        2.12749                      402228.88
3781108.78        2.08854
         402248.88    3781108.78        2.04713                      402268.88
3781108.78        2.00330
         402288.88    3781108.78        1.95985                      402308.88
3781108.78        1.91335
         402328.88    3781108.78        1.87061                      402348.88
3781108.78        1.82714
         402368.88    3781108.78        1.78689                      402388.88
3781108.78        1.74515
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402408.88	3781108.78	1.70051	402428.88	3781108.78	1.65608
402448.88	3781108.78	1.61606	402468.88	3781108.78	1.57053
402488.88	3781108.78	1.52937	402508.88	3781108.78	1.49021
401308.88	3781128.78	1.56481	401328.88	3781128.78	1.60630
401348.88	3781128.78	1.64762	401368.88	3781128.78	1.68901
401388.88	3781128.78	1.73903	401408.88	3781128.78	1.78674
401428.88	3781128.78	1.83443	401448.88	3781128.78	1.87685
401468.88	3781128.78	1.92483	401488.88	3781128.78	1.97798
401508.88	3781128.78	2.02530	401528.88	3781128.78	2.07435
401548.88	3781128.78	2.11260	401568.88	3781128.78	2.16487
401588.88	3781128.78	2.21075	401608.88	3781128.78	2.26148
401628.88	3781128.78	2.30983	401648.88	3781128.78	2.35960
401668.88	3781128.78	2.40144	401688.88		

3781128.78 2.44119
401708.88 3781128.78 2.47521 401728.88
3781128.78 2.51094
401748.88 3781128.78 2.54285 401768.88
3781128.78 2.57072
401788.88 3781128.78 2.60023 401808.88
3781128.78 2.62247
401828.88 3781128.78 2.64150 401848.88
3781128.78 2.66024
401868.88 3781128.78 2.66554 401888.88
3781128.78 2.67407
401908.88 3781128.78 2.67425 401928.88
3781128.78 2.66783
401948.88 3781128.78 2.65838 401968.88
3781128.78 2.63826
401988.88 3781128.78 2.62124 402008.88
3781128.78 2.59458
402028.88 3781128.78 2.57281 402048.88
3781128.78 2.54708
402068.88 3781128.78 2.52074 402088.88
3781128.78 2.48290
402108.88 3781128.78 2.44382 402128.88
3781128.78 2.40463
402148.88 3781128.78 2.36047 402168.88
3781128.78 2.32031
402188.88 3781128.78 2.27862 402208.88
3781128.78 2.23429
402228.88 3781128.78 2.18991 402248.88
3781128.78 2.14320
402268.88 3781128.78 2.09562 402288.88
3781128.78 2.04628
402308.88 3781128.78 1.99684 402328.88
3781128.78 1.95225
402348.88 3781128.78 1.90468 402368.88
3781128.78 1.85624
402388.88 3781128.78 1.80901 402408.88
3781128.78 1.76458
402428.88 3781128.78 1.71617 402448.88
3781128.78 1.67301
402468.88 3781128.78 1.62528 402488.88
3781128.78 1.58056
402508.88 3781128.78 1.53847 401308.88
3781148.78 1.61433
401328.88 3781148.78 1.66105 401348.88
3781148.78 1.70809
401368.88 3781148.78 1.74805 401388.88
3781148.78 1.79602
401408.88 3781148.78 1.85146 401428.88
3781148.78 1.90221
401448.88 3781148.78 1.95043 401468.88

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401568.88	3781148.78	2.26364	401588.88	3781148.78	2.31788
401608.88	3781148.78	2.37173	401628.88	3781148.78	2.42569
401648.88	3781148.78	2.47575	401668.88	3781148.78	2.52209
401688.88	3781148.78	2.56623	401708.88	3781148.78	2.60882
401728.88	3781148.78	2.64847	401748.88	3781148.78	2.68588
401768.88	3781148.78	2.71995	401788.88	3781148.78	2.75207
401808.88	3781148.78	2.77813	401828.88	3781148.78	2.80024
401848.88	3781148.78	2.81803	401868.88	3781148.78	2.82793

401888.88 3781148.78 2.83265 401908.88
3781148.78 2.83203
401928.88 3781148.78 2.82681 401948.88
3781148.78 2.81492
401968.88 3781148.78 2.79538 401988.88
3781148.78 2.77728
402008.88 3781148.78 2.75021 402028.88
3781148.78 2.72565
402048.88 3781148.78 2.69429 402068.88
3781148.78 2.66200
402088.88 3781148.78 2.62291 402108.88
3781148.78 2.58179
402128.88 3781148.78 2.53827 402148.88
3781148.78 2.49159
402168.88 3781148.78 2.44464 402188.88
3781148.78 2.39582
402208.88 3781148.78 2.34564 402228.88
3781148.78 2.29380
402248.88 3781148.78 2.24165 402268.88
3781148.78 2.18908
402288.88 3781148.78 2.13600 402308.88
3781148.78 2.08350
402328.88 3781148.78 2.03198 402348.88
3781148.78 1.97984
402368.88 3781148.78 1.92798 402388.88
3781148.78 1.87700
402408.88 3781148.78 1.82672 402428.88
3781148.78 1.77750
402448.88 3781148.78 1.72867 402468.88
3781148.78 1.68013
402488.88 3781148.78 1.63231 402508.88
3781148.78 1.58600
401308.88 3781168.78 1.66396 401328.88
3781168.78 1.71333
401348.88 3781168.78 1.76423 401368.88
3781168.78 1.80909
401388.88 3781168.78 1.86486 401408.88
3781168.78 1.92070
401428.88 3781168.78 1.97552 401448.88
3781168.78 2.02673
401468.88 3781168.78 2.08428 401488.88
3781168.78 2.14662
401508.88 3781168.78 2.20113 401528.88
3781168.78 2.26091
401548.88 3781168.78 2.30707 401568.88
3781168.78 2.37366
401588.88 3781168.78 2.43556 401608.88
3781168.78 2.49639
401628.88 3781168.78 2.55169 401648.88
3781168.78 2.61268

401668.88 3781168.78 2.66016 401688.88
3781168.78 2.70810
401708.88 3781168.78 2.75710 401728.88
3781168.78 2.80007
401748.88 3781168.78 2.84579 401768.88
3781168.78 2.88517
401788.88 3781168.78 2.92143 401808.88
3781168.78 2.95335
401828.88 3781168.78 2.97742 401848.88
3781168.78 3.00256
401868.88 3781168.78 3.00407 401888.88
3781168.78 3.02084
401908.88 3781168.78 3.01877 401928.88
3781168.78 3.00867

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401948.88	3781168.78	2.99791	401968.88	3781168.78	2.97939
401988.88	3781168.78	2.95475	402008.88	3781168.78	2.92176
402028.88	3781168.78	2.89456	402048.88	3781168.78	2.86201
402068.88	3781168.78	2.82571	402088.88		

3781168.78 2.78154
402108.88 3781168.78 2.73932 402128.88
3781168.78 2.68512
402148.88 3781168.78 2.63328 402168.88
3781168.78 2.58109
402188.88 3781168.78 2.52548 402208.88
3781168.78 2.46809
402228.88 3781168.78 2.41550 402248.88
3781168.78 2.35759
402268.88 3781168.78 2.30017 402288.88
3781168.78 2.24229
402308.88 3781168.78 2.17810 402328.88
3781168.78 2.12588
402348.88 3781168.78 2.06962 402368.88
3781168.78 2.01180
402388.88 3781168.78 1.95734 402408.88
3781168.78 1.90194
402428.88 3781168.78 1.84800 402448.88
3781168.78 1.79302
402468.88 3781168.78 1.74241 402488.88
3781168.78 1.68551
402508.88 3781168.78 1.63985 401308.88
3781188.78 1.71636
401328.88 3781188.78 1.76885 401348.88
3781188.78 1.82289
401368.88 3781188.78 1.87253 401388.88
3781188.78 1.93177
401408.88 3781188.78 1.99186 401428.88
3781188.78 2.05244
401448.88 3781188.78 2.10935 401468.88
3781188.78 2.16950
401488.88 3781188.78 2.23681 401508.88
3781188.78 2.29724
401528.88 3781188.78 2.36431 401548.88
3781188.78 2.41392
401568.88 3781188.78 2.48711 401588.88
3781188.78 2.55497
401608.88 3781188.78 2.62141 401628.88
3781188.78 2.68935
401648.88 3781188.78 2.75109 401668.88
3781188.78 2.80410
401688.88 3781188.78 2.86133 401708.88
3781188.78 2.91504
401728.88 3781188.78 2.96645 401748.88
3781188.78 3.01774
401768.88 3781188.78 3.06219 401788.88
3781188.78 3.10405
401808.88 3781188.78 3.13696 401828.88
3781188.78 3.16639
401848.88 3781188.78 3.19411 401868.88

3781188.78   3.20103
         401888.88   3781188.78   3.21808   401908.88
3781188.78   3.22008
         401928.88   3781188.78   3.20543   401948.88
3781188.78   3.19266
         401968.88   3781188.78   3.17129   401988.88
3781188.78   3.14511
         402008.88   3781188.78   3.10538   402028.88
3781188.78   3.07831
         402048.88   3781188.78   3.04798   402068.88
3781188.78   3.00743
         402088.88   3781188.78   2.95510   402108.88
3781188.78   2.90380
         402128.88   3781188.78   2.84195   402148.88
3781188.78   2.78115
         402168.88   3781188.78   2.71954   402188.88
3781188.78   2.66452
         402208.88   3781188.78   2.60112   402228.88
3781188.78   2.54110
         402248.88   3781188.78   2.47847   402268.88
3781188.78   2.41656
         402288.88   3781188.78   2.34625   402308.88
3781188.78   2.27924

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC

- -
- -

402328.88	3781188.78	2.22481	402348.88	3781188.78	2.16207
402368.88	3781188.78	2.09844	402388.88	3781188.78	2.03660
402408.88	3781188.78	1.97518	402428.88	3781188.78	1.91446
402448.88	3781188.78	1.85698	402468.88	3781188.78	1.80201
402488.88	3781188.78	1.74169	402508.88	3781188.78	1.69111
401308.88	3781208.78	1.77175	401328.88	3781208.78	1.82711
401348.88	3781208.78	1.88553	401368.88	3781208.78	1.93882
401388.88	3781208.78	2.00168	401408.88	3781208.78	2.06565
401428.88	3781208.78	2.13097	401448.88	3781208.78	2.19504
401468.88	3781208.78	2.26238	401488.88	3781208.78	2.33195
401508.88	3781208.78	2.39986	401528.88	3781208.78	2.47168
401548.88	3781208.78	2.52862	401568.88	3781208.78	2.60613
401588.88	3781208.78	2.68224	401608.88	3781208.78	2.76220
401628.88	3781208.78	2.83387	401648.88	3781208.78	2.89880
401668.88	3781208.78	2.96205	401688.88	3781208.78	3.02509
401708.88	3781208.78	3.08812	401728.88	3781208.78	3.14946
401748.88	3781208.78	3.20940	401768.88	3781208.78	3.25816
401788.88	3781208.78	3.30566	401808.88	3781208.78	3.34929
401828.88	3781208.78	3.37844	401848.88	3781208.78	3.40591
401868.88	3781208.78	3.41781	401888.88	3781208.78	3.43070
401908.88	3781208.78	3.43826	401928.88	3781208.78	3.42775
401948.88	3781208.78	3.41217	401968.88	3781208.78	3.39099
401988.88	3781208.78	3.35067	402008.88	3781208.78	3.30772
402028.88	3781208.78	3.28380	402048.88	3781208.78	3.24963

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         402068.88    3781208.78        3.20377                      402088.88
3781208.78        3.14361
         402108.88    3781208.78        3.08502                      402128.88
3781208.78        3.01986
         402148.88    3781208.78        2.95012                      402168.88
3781208.78        2.88779
         402188.88    3781208.78        2.81794                      402208.88
3781208.78        2.74707
         402228.88    3781208.78        2.67734                      402248.88
3781208.78        2.60569
         402268.88    3781208.78        2.53490                      402288.88
3781208.78        2.46273
         402308.88    3781208.78        2.38790                      402328.88
3781208.78        2.32358
         402348.88    3781208.78        2.25846                      402368.88
3781208.78        2.19207
         402388.88    3781208.78        2.12269                      402408.88
3781208.78        2.05539
         402428.88    3781208.78        1.98797                      402448.88
3781208.78        1.92368
         402468.88    3781208.78        1.86228                      402488.88
3781208.78        1.79920
         402508.88    3781208.78        1.74332                      401308.88
3781228.78        1.82793
         401328.88    3781228.78        1.88707                      401348.88
3781228.78        1.94952
         401368.88    3781228.78        2.00886                      401388.88
3781228.78        2.07647
         401408.88    3781228.78        2.14608                      401428.88
3781228.78        2.21683
         401448.88    3781228.78        2.28505                      401468.88
3781228.78        2.35627
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401488.88	3781228.78	2.43379	401508.88	3781228.78	2.50851
401528.88	3781228.78	2.58791	401548.88	3781228.78	2.65037
401568.88	3781228.78	2.73062	401588.88	3781228.78	2.81869
401608.88	3781228.78	2.90583	401628.88	3781228.78	2.98799
401648.88	3781228.78	3.06337	401668.88	3781228.78	3.13526
401688.88	3781228.78	3.20491	401708.88	3781228.78	3.28038
401728.88	3781228.78	3.35276	401748.88	3781228.78	3.41479
401768.88	3781228.78	3.47324	401788.88	3781228.78	3.53045
401808.88	3781228.78	3.57176	401828.88	3781228.78	3.61370
401848.88	3781228.78	3.64421	401868.88	3781228.78	3.65787
401888.88	3781228.78	3.67116	401908.88	3781228.78	3.67802
401928.88	3781228.78	3.67614	401948.88	3781228.78	3.65721
401968.88	3781228.78	3.62585	401988.88	3781228.78	3.57961
402008.88	3781228.78	3.53949	402028.88	3781228.78	3.50603
402048.88	3781228.78	3.46892	402068.88	3781228.78	3.41927
402088.88	3781228.78	3.35602	402108.88	3781228.78	3.29346
402128.88	3781228.78	3.21235	402148.88	3781228.78	3.13646
402168.88	3781228.78	3.06397	402188.88	3781228.78	2.98529
402208.88	3781228.78	2.90442	402228.88	3781228.78	2.82392
402248.88	3781228.78	2.74379	402268.88		

3781228.78   2.66468
         402288.88   3781228.78   2.58259   402308.88
3781228.78   2.50320
         402328.88   3781228.78   2.43052   402348.88
3781228.78   2.35940
         402368.88   3781228.78   2.28550   402388.88
3781228.78   2.20714
         402408.88   3781228.78   2.13555   402428.88
3781228.78   2.06736
         402448.88   3781228.78   1.99611   402468.88
3781228.78   1.92957
         402488.88   3781228.78   1.85948   402508.88
3781228.78   1.79713
         401308.88   3781248.78   1.88509   401328.88
3781248.78   1.94873
         401348.88   3781248.78   2.01444   401368.88
3781248.78   2.08219
         401388.88   3781248.78   2.15439   401408.88
3781248.78   2.22822
         401428.88   3781248.78   2.30203   401448.88
3781248.78   2.37914
         401468.88   3781248.78   2.45756   401488.88
3781248.78   2.53884
         401508.88   3781248.78   2.62034   401528.88
3781248.78   2.70641
         401548.88   3781248.78   2.78104   401568.88
3781248.78   2.88136
         401588.88   3781248.78   2.97284   401608.88
3781248.78   3.06552
         401628.88   3781248.78   3.15484   401648.88
3781248.78   3.23964
         401668.88   3781248.78   3.32213   401688.88
3781248.78   3.40577
         401708.88   3781248.78   3.48953   401728.88
3781248.78   3.56844
         401748.88   3781248.78   3.64814   401768.88
3781248.78   3.71154
         401788.88   3781248.78   3.77672   401808.88
3781248.78   3.83247
         401828.88   3781248.78   3.87272   401848.88
3781248.78   3.90977

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: EQUIP   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         401868.88   3781248.78   3.92670   401888.88
3781248.78   3.94911
         401908.88   3781248.78   3.95758   401928.88
3781248.78   3.95201
         401948.88   3781248.78   3.92228   401968.88
3781248.78   3.88589
         401988.88   3781248.78   3.84870   402008.88
3781248.78   3.80183
         402028.88   3781248.78   3.76367   402048.88
3781248.78   3.71595
         402068.88   3781248.78   3.65625   402088.88
3781248.78   3.58617
         402108.88   3781248.78   3.50772   402128.88
3781248.78   3.42736
         402148.88   3781248.78   3.33945   402168.88
3781248.78   3.25409
         402188.88   3781248.78   3.16914   402208.88
3781248.78   3.07821
         402228.88   3781248.78   2.98651   402248.88
3781248.78   2.89356
         402268.88   3781248.78   2.80469   402288.88
3781248.78   2.71532
         402308.88   3781248.78   2.62684   402328.88
3781248.78   2.54629
         402348.88   3781248.78   2.47097   402368.88
3781248.78   2.38452
         402388.88   3781248.78   2.30321   402408.88
3781248.78   2.22217
         402428.88   3781248.78   2.14589   402448.88
3781248.78   2.06733

402468.88 3781248.78 1.99622 402488.88
3781248.78 1.92219
402508.88 3781248.78 1.85866 401308.88
3781268.78 1.94242
401328.88 3781268.78 2.01012 401348.88
3781268.78 2.07890
401368.88 3781268.78 2.15120 401388.88
3781268.78 2.22745
401408.88 3781268.78 2.30696 401428.88
3781268.78 2.38852
401448.88 3781268.78 2.47114 401468.88
3781268.78 2.55573
401488.88 3781268.78 2.64319 401508.88
3781268.78 2.73330
401528.88 3781268.78 2.82501 401548.88
3781268.78 2.91874
401568.88 3781268.78 3.02102 401588.88
3781268.78 3.12131
401608.88 3781268.78 3.22339 401628.88
3781268.78 3.32550
401648.88 3781268.78 3.42606 401668.88
3781268.78 3.52479
401688.88 3781268.78 3.62280 401708.88
3781268.78 3.71780
401728.88 3781268.78 3.80964 401748.88
3781268.78 3.89672
401768.88 3781268.78 3.97848 401788.88
3781268.78 4.05129
401808.88 3781268.78 4.11439 401828.88
3781268.78 4.16614
401848.88 3781268.78 4.20642 401868.88
3781268.78 4.22901
401888.88 3781268.78 4.25484 401908.88
3781268.78 4.26439
401928.88 3781268.78 4.25542 401948.88
3781268.78 4.22093
401968.88 3781268.78 4.19086 401988.88
3781268.78 4.15641
402008.88 3781268.78 4.09426 402028.88
3781268.78 4.05437
402048.88 3781268.78 3.99727 402068.88
3781268.78 3.92822
402088.88 3781268.78 3.84264 402108.88
3781268.78 3.75865
402128.88 3781268.78 3.66200 402148.88
3781268.78 3.56575
402168.88 3781268.78 3.46476 402188.88
3781268.78 3.36665
402208.88 3781268.78 3.26347 402228.88
3781268.78 3.16244

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402248.88	3781268.78	3.05687	402268.88	3781268.78	2.95376
402288.88	3781268.78	2.85486	402308.88	3781268.78	2.75843
402328.88	3781268.78	2.66819	402348.88	3781268.78	2.57777
402368.88	3781268.78	2.48756	402388.88	3781268.78	2.39776
402408.88	3781268.78	2.31114	402428.88	3781268.78	2.22614
402448.88	3781268.78	2.14293	402468.88	3781268.78	2.06614
402488.88	3781268.78	1.98774	402508.88	3781268.78	1.92078
401308.88	3781288.78	2.00303	401328.88	3781288.78	2.07388
401348.88	3781288.78	2.14868	401368.88	3781288.78	2.22371
401388.88	3781288.78	2.30785	401408.88	3781288.78	2.39713
401428.88	3781288.78	2.48520	401448.88		

3781288.78 2.57286
401468.88 3781288.78 2.66408 401488.88
3781288.78 2.76329
401508.88 3781288.78 2.86314 401528.88
3781288.78 2.96659
401548.88 3781288.78 3.06617 401568.88
3781288.78 3.18516
401588.88 3781288.78 3.29847 401608.88
3781288.78 3.41764
401628.88 3781288.78 3.52585 401648.88
3781288.78 3.63387
401668.88 3781288.78 3.74798 401688.88
3781288.78 3.86340
401708.88 3781288.78 3.97908 401728.88
3781288.78 4.07830
401748.88 3781288.78 4.17914 401768.88
3781288.78 4.27224
401788.88 3781288.78 4.36268 401808.88
3781288.78 4.43540
401828.88 3781288.78 4.49957 401848.88
3781288.78 4.55207
401868.88 3781288.78 4.57101 401888.88
3781288.78 4.60706
401908.88 3781288.78 4.61753 401928.88
3781288.78 4.59428
401948.88 3781288.78 4.57664 401968.88
3781288.78 4.53521
401988.88 3781288.78 4.48206 402008.88
3781288.78 4.41091
402028.88 3781288.78 4.35396 402048.88
3781288.78 4.29456
402068.88 3781288.78 4.23360 402088.88
3781288.78 4.14451
402108.88 3781288.78 4.03538 402128.88
3781288.78 3.92316
402148.88 3781288.78 3.81031 402168.88
3781288.78 3.69634
402188.88 3781288.78 3.58302 402208.88
3781288.78 3.46580
402228.88 3781288.78 3.34871 402248.88
3781288.78 3.23591
402268.88 3781288.78 3.11649 402288.88
3781288.78 3.00643
402308.88 3781288.78 2.89931 402328.88
3781288.78 2.79648
402348.88 3781288.78 2.69849 402368.88
3781288.78 2.59915
402388.88 3781288.78 2.49940 402408.88
3781288.78 2.40748
402428.88 3781288.78 2.31111 402448.88

3781288.78 2.22387
  402468.88 3781288.78 2.13786 402488.88
3781288.78 2.05464
  402508.88 3781288.78 1.98819 401308.88
3781308.78 2.06811
  401328.88 3781308.78 2.14265 401348.88
3781308.78 2.22364
  401368.88 3781308.78 2.30207 401388.88
3781308.78 2.39339

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401408.88	3781308.78	2.49048	401428.88	3781308.78	2.58111
401448.88	3781308.78	2.67785	401468.88	3781308.78	2.78077
401488.88	3781308.78	2.89076	401508.88	3781308.78	3.00192
401528.88	3781308.78	3.11735	401548.88	3781308.78	3.22341
401568.88	3781308.78	3.35202	401588.88	3781308.78	3.48207
401608.88	3781308.78	3.60226	401628.88	3781308.78	3.73175

401648.88 3781308.78 3.86022 401668.88
3781308.78 3.98938
401688.88 3781308.78 4.11817 401708.88
3781308.78 4.24880
401728.88 3781308.78 4.36765 401748.88
3781308.78 4.48506
401768.88 3781308.78 4.60305 401788.88
3781308.78 4.70487
401808.88 3781308.78 4.79400 401828.88
3781308.78 4.86749
401848.88 3781308.78 4.91911 401868.88
3781308.78 4.95871
401888.88 3781308.78 4.99356 401908.88
3781308.78 5.00265
401928.88 3781308.78 4.97585 401948.88
3781308.78 4.97205
401968.88 3781308.78 4.90614 401988.88
3781308.78 4.85995
402008.88 3781308.78 4.79127 402028.88
3781308.78 4.71370
402048.88 3781308.78 4.63549 402068.88
3781308.78 4.56459
402088.88 3781308.78 4.46629 402108.88
3781308.78 4.33762
402128.88 3781308.78 4.21658 402148.88
3781308.78 4.09229
402168.88 3781308.78 3.95912 402188.88
3781308.78 3.82473
402208.88 3781308.78 3.68625 402228.88
3781308.78 3.55337
402248.88 3781308.78 3.42223 402268.88
3781308.78 3.29621
402288.88 3781308.78 3.17243 402308.88
3781308.78 3.05069
402328.88 3781308.78 2.93593 402348.88
3781308.78 2.82800
402368.88 3781308.78 2.71717 402388.88
3781308.78 2.61039
402408.88 3781308.78 2.50458 402428.88
3781308.78 2.40415
402448.88 3781308.78 2.31079 402468.88
3781308.78 2.21653
402488.88 3781308.78 2.12512 402508.88
3781308.78 2.06155
401308.88 3781328.78 2.13083 401328.88
3781328.78 2.21315
401348.88 3781328.78 2.30062 401368.88
3781328.78 2.38251
401388.88 3781328.78 2.48026 401408.88
3781328.78 2.58437

```
         401428.88    3781328.78        2.68386                      401448.88
3781328.78        2.79256
         401468.88    3781328.78        2.90398                      401488.88
3781328.78        3.02135
         401508.88    3781328.78        3.14919                      401528.88
3781328.78        3.27184
         401548.88    3781328.78        3.39128                      401568.88
3781328.78        3.53666
         401588.88    3781328.78        3.68351                      401608.88
3781328.78        3.82642
         401628.88    3781328.78        3.97154                      401648.88
3781328.78        4.12674
         401668.88    3781328.78        4.26342                      401688.88
3781328.78        4.42278
         401708.88    3781328.78        4.56786                      401728.88
3781328.78        4.70485
         401748.88    3781328.78        4.83224                      401768.88
3781328.78        4.97347
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         401788.88    3781328.78        5.09297                      401808.88
3781328.78        5.19827
         401828.88    3781328.78        5.30234                      401848.88
```

3781328.78 5.34984
401868.88 3781328.78 5.40118 401888.88
3781328.78 5.44543
401908.88 3781328.78 5.44806 401928.88
3781328.78 5.45441
401948.88 3781328.78 5.45530 401968.88
3781328.78 5.39241
401988.88 3781328.78 5.31505 402008.88
3781328.78 5.23870
402028.88 3781328.78 5.13879 402048.88
3781328.78 5.02853
402068.88 3781328.78 4.94074 402088.88
3781328.78 4.82964
402108.88 3781328.78 4.67874 402128.88
3781328.78 4.55015
402148.88 3781328.78 4.38491 402168.88
3781328.78 4.23675
402188.88 3781328.78 4.08267 402208.88
3781328.78 3.92773
402228.88 3781328.78 3.77724 402248.88
3781328.78 3.62879
402268.88 3781328.78 3.48646 402288.88
3781328.78 3.34624
402308.88 3781328.78 3.21075 402328.88
3781328.78 3.08587
402348.88 3781328.78 2.96782 402368.88
3781328.78 2.84133
402388.88 3781328.78 2.71724 402408.88
3781328.78 2.60733
402428.88 3781328.78 2.50383 402448.88
3781328.78 2.39604
402468.88 3781328.78 2.29478 402488.88
3781328.78 2.19820
402508.88 3781328.78 2.13720 401308.88
3781348.78 2.19302
401328.88 3781348.78 2.28092 401348.88
3781348.78 2.37390
401368.88 3781348.78 2.46469 401388.88
3781348.78 2.56856
401408.88 3781348.78 2.68131 401428.88
3781348.78 2.79301
401448.88 3781348.78 2.90547 401468.88
3781348.78 3.03071
401488.88 3781348.78 3.16604 401508.88
3781348.78 3.30279
401528.88 3781348.78 3.44777 401548.88
3781348.78 3.56677
401568.88 3781348.78 3.73326 401588.88
3781348.78 3.88590
401608.88 3781348.78 4.05710 401628.88

3781348.78   4.21885
         401648.88   3781348.78   4.38697   401668.88
3781348.78   4.56083
         401688.88   3781348.78   4.72972   401708.88
3781348.78   4.90602
         401728.88   3781348.78   5.07086   401748.88
3781348.78   5.23159
         401768.88   3781348.78   5.38583   401788.88
3781348.78   5.52212
         401808.88   3781348.78   5.65206   401828.88
3781348.78   5.76745
         401848.88   3781348.78   5.85456   401868.88
3781348.78   5.90992
         401888.88   3781348.78   5.96647   401908.88
3781348.78   5.97867
         401928.88   3781348.78   5.97839   401948.88
3781348.78   5.95613
         401968.88   3781348.78   5.90153   401988.88
3781348.78   5.82304
         402008.88   3781348.78   5.72996   402028.88
3781348.78   5.62534
         402048.88   3781348.78   5.49447   402068.88
3781348.78   5.37225
         402088.88   3781348.78   5.23854   402108.88
3781348.78   5.08702
         402128.88   3781348.78   4.91489   402148.88
3781348.78   4.73670

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF PM_10   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402168.88	3781348.78	4.55732	402188.88	3781348.78	4.38004
402208.88	3781348.78	4.19438	402228.88	3781348.78	4.02894
402248.88	3781348.78	3.86325	402268.88	3781348.78	3.69325
402288.88	3781348.78	3.53867	402308.88	3781348.78	3.38278
402328.88	3781348.78	3.24011	402348.88	3781348.78	3.10278
402368.88	3781348.78	2.96691	402388.88	3781348.78	2.83320
402408.88	3781348.78	2.71140	402428.88	3781348.78	2.60096
402448.88	3781348.78	2.48621	402468.88	3781348.78	2.37888
402488.88	3781348.78	2.27747	402508.88	3781348.78	2.21429
401308.88	3781368.78	2.25718	401328.88	3781368.78	2.35031
401348.88	3781368.78	2.44995	401368.88	3781368.78	2.54832
401388.88	3781368.78	2.65690	401408.88	3781368.78	2.77726
401428.88	3781368.78	2.89924	401448.88	3781368.78	3.02497
401468.88	3781368.78	3.15757	401488.88	3781368.78	3.30799
401508.88	3781368.78	3.45535	401528.88	3781368.78	3.61523
401548.88	3781368.78	3.75360	401568.88	3781368.78	3.93739
401588.88	3781368.78	4.11565	401608.88	3781368.78	4.29749
401628.88	3781368.78	4.48652	401648.88	3781368.78	4.68021
401668.88	3781368.78	4.88172	401688.88	3781368.78	5.08183
401708.88	3781368.78	5.28973	401728.88	3781368.78	5.48552
401748.88	3781368.78	5.67994	401768.88	3781368.78	5.86178
401788.88	3781368.78	6.03281	401808.88	3781368.78	6.18716

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         401828.88    3781368.78        6.31587                      401848.88
3781368.78        6.42375
         401868.88    3781368.78        6.49935                      401888.88
3781368.78        6.56207
         401908.88    3781368.78        6.58348                      401928.88
3781368.78        6.58743
         401948.88    3781368.78        6.56122                      401968.88
3781368.78        6.51245
         401988.88    3781368.78        6.39316                      402008.88
3781368.78        6.30089
         402028.88    3781368.78        6.16520                      402048.88
3781368.78        6.00425
         402068.88    3781368.78        5.85673                      402088.88
3781368.78        5.69936
         402108.88    3781368.78        5.52934                      402128.88
3781368.78        5.33289
         402148.88    3781368.78        5.12758                      402168.88
3781368.78        4.91899
         402188.88    3781368.78        4.68824                      402208.88
3781368.78        4.48243
         402228.88    3781368.78        4.28076                      402248.88
3781368.78        4.09802
         402268.88    3781368.78        3.91463                      402288.88
3781368.78        3.73648
         402308.88    3781368.78        3.56621                      402328.88
3781368.78        3.40448
         402348.88    3781368.78        3.25588                      402368.88
3781368.78        3.09862
         402388.88    3781368.78        2.95799                      402408.88
3781368.78        2.82615
         402428.88    3781368.78        2.70468                      402448.88
3781368.78        2.58866
         402468.88    3781368.78        2.45957                      402488.88
3781368.78        2.36606
         402508.88    3781368.78        2.28566                      401308.88
3781388.78        2.32251
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
```

L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401328.88	3781388.78	2.42120	401348.88	3781388.78	2.52595
401368.88	3781388.78	2.63266	401388.88	3781388.78	2.74881
401408.88	3781388.78	2.87780	401428.88	3781388.78	3.00850
401448.88	3781388.78	3.14550	401468.88	3781388.78	3.29373
401488.88	3781388.78	3.45683	401508.88	3781388.78	3.62250
401528.88	3781388.78	3.79390	401548.88	3781388.78	3.95096
401568.88	3781388.78	4.15581	401588.88	3781388.78	4.35078
401608.88	3781388.78	4.56044	401628.88	3781388.78	4.77636
401648.88	3781388.78	4.99732	401668.88	3781388.78	5.24743
401688.88	3781388.78	5.47935	401708.88	3781388.78	5.71373
401728.88	3781388.78	5.95975	401748.88	3781388.78	6.17647
401768.88	3781388.78	6.40864	401788.88	3781388.78	6.61794
401808.88	3781388.78	6.80032	401828.88	3781388.78	6.96255
401848.88	3781388.78	7.09818	401868.88	3781388.78	7.18222
401888.88	3781388.78	7.28901	401908.88	3781388.78	7.31464
401928.88	3781388.78	7.29500	401948.88	3781388.78	7.28618
401968.88	3781388.78	7.20388	401988.88	3781388.78	7.09723
402008.88	3781388.78	6.95448	402028.88		

3781388.78 6.80601
402048.88 3781388.78 6.62627 402068.88
3781388.78 6.45481
402088.88 3781388.78 6.24780 402108.88
3781388.78 6.03977
402128.88 3781388.78 5.81349 402148.88
3781388.78 5.57000
402168.88 3781388.78 5.30944 402188.88
3781388.78 5.06161
402208.88 3781388.78 4.80706 402228.88
3781388.78 4.58938
402248.88 3781388.78 4.37051 402268.88
3781388.78 4.15196
402288.88 3781388.78 3.95594 402308.88
3781388.78 3.76048
402328.88 3781388.78 3.58262 402348.88
3781388.78 3.41075
402368.88 3781388.78 3.23993 402388.88
3781388.78 3.08884
402408.88 3781388.78 2.94888 402428.88
3781388.78 2.82031
402448.88 3781388.78 2.70002 402468.88
3781388.78 2.55325
402488.88 3781388.78 2.46278 402508.88
3781388.78 2.37665
401308.88 3781408.78 2.38970 401328.88
3781408.78 2.49541
401348.88 3781408.78 2.60622 401368.88
3781408.78 2.71726
401388.88 3781408.78 2.84289 401408.88
3781408.78 2.98349
401428.88 3781408.78 3.12378 401448.88
3781408.78 3.27178
401468.88 3781408.78 3.43076 401488.88
3781408.78 3.60811
401508.88 3781408.78 3.78444 401528.88
3781408.78 3.97930
401548.88 3781408.78 4.15781 401568.88
3781408.78 4.38681
401588.88 3781408.78 4.63179 401608.88
3781408.78 4.83766
401628.88 3781408.78 5.08354 401648.88
3781408.78 5.34899
401668.88 3781408.78 5.62730 401688.88
3781408.78 5.90654

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401708.88	3781408.78	6.19053	401728.88	3781408.78	6.48040
401748.88	3781408.78	6.74634	401768.88	3781408.78	7.01303
401788.88	3781408.78	7.27584	401808.88	3781408.78	7.50412
401828.88	3781408.78	7.71313	401848.88	3781408.78	7.88036
401868.88	3781408.78	7.99820	401888.88	3781408.78	8.10733
401908.88	3781408.78	8.16697	401928.88	3781408.78	8.16242
401948.88	3781408.78	8.12824	401968.88	3781408.78	8.05490
401988.88	3781408.78	7.93498	402008.88	3781408.78	7.75816
402028.88	3781408.78	7.57053	402048.88	3781408.78	7.35116
402068.88	3781408.78	7.11162	402088.88	3781408.78	6.86223
402108.88	3781408.78	6.61898	402128.88	3781408.78	6.35168
402148.88	3781408.78	6.05793	402168.88	3781408.78	5.74860
402188.88	3781408.78	5.45847	402208.88	3781408.78	5.16777

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        402228.88    3781408.78        4.90816                    402248.88
3781408.78        4.65468
        402268.88    3781408.78        4.42303                    402288.88
3781408.78        4.19139
        402308.88    3781408.78        3.96816                    402328.88
3781408.78        3.76430
        402348.88    3781408.78        3.57246                    402368.88
3781408.78        3.38360
        402388.88    3781408.78        3.22091                    402408.88
3781408.78        3.07148
        402428.88    3781408.78        2.93346                    402448.88
3781408.78        2.79589
        402468.88    3781408.78        2.65143                    402488.88
3781408.78        2.55334
        402508.88    3781408.78        2.45379                    401308.88
3781428.78        2.45304
        401328.88    3781428.78        2.56494                    401348.88
3781428.78        2.68364
        401368.88    3781428.78        2.80181                    401388.88
3781428.78        2.94006
        401408.88    3781428.78        3.09011                    401428.88
3781428.78        3.24589
        401448.88    3781428.78        3.40231                    401468.88
3781428.78        3.57512
        401488.88    3781428.78        3.76569                    401508.88
3781428.78        3.95520
        401528.88    3781428.78        4.17120                    401548.88
3781428.78        4.37497
        401568.88    3781428.78        4.63024                    401588.88
3781428.78        4.90522
        401608.88    3781428.78        5.16130                    401628.88
3781428.78        5.44565
        401648.88    3781428.78        5.75734                    401668.88
3781428.78        6.08167
        401688.88    3781428.78        6.37817                    401708.88
3781428.78        6.71379
        401728.88    3781428.78        7.04481                    401748.88
3781428.78        7.40035
        401768.88    3781428.78        7.74156                    401788.88
3781428.78        8.05434
        401808.88    3781428.78        8.33974                    401828.88
3781428.78        8.60320
        401848.88    3781428.78        8.82149                    401868.88
3781428.78        8.97882
        401888.88    3781428.78        9.12479                    401908.88
3781428.78        9.20749
        401928.88    3781428.78        9.26146                    401948.88
3781428.78        9.25327
        401968.88    3781428.78        9.11853                    401988.88
3781428.78        8.95811
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402008.88	3781428.78	8.70888	402028.88	3781428.78	8.47086
402048.88	3781428.78	8.20408	402068.88	3781428.78	7.88744
402088.88	3781428.78	7.58332	402108.88	3781428.78	7.28597
402128.88	3781428.78	6.95213	402148.88	3781428.78	6.61678
402168.88	3781428.78	6.25314	402188.88	3781428.78	5.89263
402208.88	3781428.78	5.56451	402228.88	3781428.78	5.25464
402248.88	3781428.78	4.96274	402268.88	3781428.78	4.69467
402288.88	3781428.78	4.43522	402308.88	3781428.78	4.18859
402328.88	3781428.78	3.96542	402348.88	3781428.78	3.74762
402368.88	3781428.78	3.54211	402388.88	3781428.78	3.37019
402408.88	3781428.78	3.21021	402428.88		

3781428.78 3.06307
402448.88 3781428.78 2.91577 402468.88
3781428.78 2.75275
402488.88 3781428.78 2.63148 402508.88
3781428.78 2.52167
401308.88 3781448.78 2.51585 401328.88
3781448.78 2.63298
401348.88 3781448.78 2.75980 401368.88
3781448.78 2.88622
401388.88 3781448.78 3.03321 401408.88
3781448.78 3.19413
401428.88 3781448.78 3.35914 401448.88
3781448.78 3.53325
401468.88 3781448.78 3.71839 401488.88
3781448.78 3.93443
401508.88 3781448.78 4.13654 401528.88
3781448.78 4.37348
401548.88 3781448.78 4.60205 401568.88
3781448.78 4.88654
401588.88 3781448.78 5.19371 401608.88
3781448.78 5.48053
401628.88 3781448.78 5.82543 401648.88
3781448.78 6.17210
401668.88 3781448.78 6.55034 401688.88
3781448.78 6.94456
401708.88 3781448.78 7.33076 401728.88
3781448.78 7.73907
401748.88 3781448.78 8.16522 401768.88
3781448.78 8.57545
401788.88 3781448.78 8.97480 401808.88
3781448.78 9.33103
401828.88 3781448.78 9.65683 401848.88
3781448.78 9.96193
401868.88 3781448.78 10.17282 401888.88
3781448.78 10.36145
401908.88 3781448.78 10.46148 401928.88
3781448.78 10.52205
401948.88 3781448.78 10.43537 401968.88
3781448.78 10.33267
401988.88 3781448.78 10.11550 402008.88
3781448.78 9.86479
402028.88 3781448.78 9.59660 402048.88
3781448.78 9.25479
402068.88 3781448.78 8.87636 402088.88
3781448.78 8.47872
402108.88 3781448.78 8.08132 402128.88
3781448.78 7.68591
402148.88 3781448.78 7.27700 402168.88
3781448.78 6.82731
402188.88 3781448.78 6.40623 402208.88

3781448.78   6.00309
402228.88   3781448.78   5.64842   402248.88
3781448.78   5.30718
402268.88   3781448.78   4.99540   402288.88
3781448.78   4.70516
402308.88   3781448.78   4.42222   402328.88
3781448.78   4.17081
402348.88   3781448.78   3.91780   402368.88
3781448.78   3.70945
402388.88   3781448.78   3.52021   402408.88
3781448.78   3.34803
402428.88   3781448.78   3.17492   402448.88
3781448.78   3.01761

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402468.88	3781448.78	2.85484	402488.88	3781448.78	2.73695
402508.88	3781448.78	2.61991	401308.88	3781468.78	2.57593
401328.88	3781468.78	2.69983	401348.88	3781468.78	2.83347
401368.88	3781468.78	2.96990	401388.88	3781468.78	3.12409

401408.88 3781468.78 3.29508 401428.88
3781468.78 3.47368
401448.88 3781468.78 3.66100 401468.88
3781468.78 3.86412
401488.88 3781468.78 4.09403 401508.88
3781468.78 4.32022
401528.88 3781468.78 4.58411 401548.88
3781468.78 4.83834
401568.88 3781468.78 5.15637 401588.88
3781468.78 5.50027
401608.88 3781468.78 5.81927 401628.88
3781468.78 6.21823
401648.88 3781468.78 6.64856 401668.88
3781468.78 7.08690
401688.88 3781468.78 7.51668 401708.88
3781468.78 8.01140
401728.88 3781468.78 8.52238 401748.88
3781468.78 9.06740
401768.88 3781468.78 9.59151 401788.88
3781468.78 10.08972
401808.88 3781468.78 10.56200 401828.88
3781468.78 10.99889
401848.88 3781468.78 11.37463 401868.88
3781468.78 11.65153
401888.88 3781468.78 11.89732 401908.88
3781468.78 12.02912
401928.88 3781468.78 11.99294 401948.88
3781468.78 11.95310
401968.88 3781468.78 11.83883 401988.88
3781468.78 11.59908
402008.88 3781468.78 11.28674 402028.88
3781468.78 10.93643
402048.88 3781468.78 10.51186 402068.88
3781468.78 10.02591
402088.88 3781468.78 9.54130 402108.88
3781468.78 9.04116
402128.88 3781468.78 8.53614 402148.88
3781468.78 8.00552
402168.88 3781468.78 7.49383 402188.88
3781468.78 6.98538
402208.88 3781468.78 6.49132 402228.88
3781468.78 6.07776
402248.88 3781468.78 5.67598 402268.88
3781468.78 5.30859
402288.88 3781468.78 4.97894 402308.88
3781468.78 4.66980
402328.88 3781468.78 4.38689 402348.88
3781468.78 4.11433
402368.88 3781468.78 3.88418 402388.88
3781468.78 3.68201

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         402408.88    3781468.78        3.49230                      402428.88
3781468.78        3.30536
         402448.88    3781468.78        3.12328                      402468.88
3781468.78        2.94932
         402488.88    3781468.78        2.81802                      402508.88
3781468.78        2.69062
         401308.88    3781488.78        2.63535                      401328.88
3781488.78        2.76487
         401348.88    3781488.78        2.90607                      401368.88
3781488.78        3.05149
         401388.88    3781488.78        3.21647                      401408.88
3781488.78        3.39694
         401428.88    3781488.78        3.58738                      401448.88
3781488.78        3.79020
         401468.88    3781488.78        4.00982                      401488.88
3781488.78        4.25871
         401508.88    3781488.78        4.50733                      401528.88
3781488.78        4.79816
         401548.88    3781488.78        5.08145                      401568.88
3781488.78        5.43183
         401588.88    3781488.78        5.80638                      401608.88
3781488.78        6.18094
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 142
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -

401628.88	3781488.78	6.62390	401648.88	3781488.78	7.10879
401668.88	3781488.78	7.62058	401688.88	3781488.78	8.17922
401708.88	3781488.78	8.78189	401728.88	3781488.78	9.40249
401748.88	3781488.78	10.06501	401768.88	3781488.78	10.75597
401788.88	3781488.78	11.41711	401808.88	3781488.78	12.05060
401828.88	3781488.78	12.63371	401848.88	3781488.78	13.11115
401868.88	3781488.78	13.51122	401888.88	3781488.78	13.86566
401908.88	3781488.78	14.02578	401928.88	3781488.78	14.02906
401948.88	3781488.78	13.96706	401968.88	3781488.78	13.80116
401988.88	3781488.78	13.56470	402008.88	3781488.78	13.08976
402028.88	3781488.78	12.62771	402048.88	3781488.78	12.07901
402068.88	3781488.78	11.45964	402088.88	3781488.78	10.80901
402108.88	3781488.78	10.18825	402128.88	3781488.78	9.50155
402148.88	3781488.78	8.99586	402168.88	3781488.78	8.35787
402188.88	3781488.78	7.73083	402208.88	3781488.78	7.03732
402228.88	3781488.78	6.52548	402248.88	3781488.78	6.06831
402268.88	3781488.78	5.65416	402288.88	3781488.78	5.29658
402308.88	3781488.78	4.92932	402328.88	3781488.78	4.61312
402348.88	3781488.78	4.32227	402368.88	3781488.78	4.07702
402388.88	3781488.78	3.86314	402408.88	3781488.78	3.65130
402428.88	3781488.78	3.43909	402448.88	3781488.78	3.25720
402468.88	3781488.78	3.08235	402488.88	3781488.78	2.91076
402508.88	3781488.78	2.80776	401308.88	3781508.78	2.68535
401328.88	3781508.78	2.82375	401348.88	3781508.78	2.97303
401368.88	3781508.78	3.13005	401388.88		

3781508.78   3.30320
         401408.88   3781508.78   3.49389   401428.88
3781508.78   3.69956
         401448.88   3781508.78   3.91900   401468.88
3781508.78   4.15414
         401488.88   3781508.78   4.42529   401508.88
3781508.78   4.70368
         401528.88   3781508.78   5.02463   401548.88
3781508.78   5.33114
         401568.88   3781508.78   5.71432   401588.88
3781508.78   6.12557
         401608.88   3781508.78   6.57237   401628.88
3781508.78   7.06940
         401648.88   3781508.78   7.63018   401668.88
3781508.78   8.23906
         401688.88   3781508.78   8.89293   401708.88
3781508.78   9.64688
         401728.88   3781508.78   10.49058   401748.88
3781508.78   11.26120
         401768.88   3781508.78   12.16756   401788.88
3781508.78   13.01856
         401808.88   3781508.78   13.85436   401828.88
3781508.78   14.60191
         401848.88   3781508.78   15.33259   401868.88
3781508.78   15.91527
         401888.88   3781508.78   16.34292   401908.88
3781508.78   16.56343
         401928.88   3781508.78   16.44140   401948.88
3781508.78   16.37824
         401968.88   3781508.78   16.24667   401988.88
3781508.78   15.87312

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
                                       L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
                                       L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
                                       L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402008.88	3781508.78	15.39618	402028.88	3781508.78	14.79127
402048.88	3781508.78	14.06475	402068.88	3781508.78	13.29105
402088.88	3781508.78	12.43196	402108.88	3781508.78	11.56521
402128.88	3781508.78	10.71223	402148.88	3781508.78	9.96805
402168.88	3781508.78	9.15609	402188.88	3781508.78	8.42152
402208.88	3781508.78	7.63045	402228.88	3781508.78	7.03291
402248.88	3781508.78	6.48815	402268.88	3781508.78	5.99356
402288.88	3781508.78	5.57407	402308.88	3781508.78	5.20065
402328.88	3781508.78	4.83957	402348.88	3781508.78	4.53830
402368.88	3781508.78	4.27560	402388.88	3781508.78	4.02837
402408.88	3781508.78	3.80069	402428.88	3781508.78	3.57307
402448.88	3781508.78	3.36763	402468.88	3781508.78	3.19509
402488.88	3781508.78	3.02373	402508.88	3781508.78	2.89071
401308.88	3781528.78	2.73037	401328.88	3781528.78	2.87448
401348.88	3781528.78	3.03001	401368.88	3781528.78	3.19993
401388.88	3781528.78	3.38415	401408.88	3781528.78	3.58449
401428.88	3781528.78	3.80420	401448.88	3781528.78	4.03852
401468.88	3781528.78	4.29547	401488.88	3781528.78	4.58383
401508.88	3781528.78	4.88698	401528.88	3781528.78	5.23301
401548.88	3781528.78	5.58262	401568.88	3781528.78	6.00714

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         401588.88    3781528.78        6.47428                      401608.88
3781528.78        6.96414
         401628.88    3781528.78        7.52827                      401648.88
3781528.78        8.18105
         401668.88    3781528.78        8.90818                      401688.88
3781528.78        9.71146
         401708.88    3781528.78       10.63117                      401728.88
3781528.78       11.68484
         401748.88    3781528.78       12.68896                      401768.88
3781528.78       13.87462
         401788.88    3781528.78       15.11131                      401808.88
3781528.78       16.29200
         401828.88    3781528.78       17.25863                      401848.88
3781528.78       18.26390
         401868.88    3781528.78       19.11971                      401888.88
3781528.78       19.68542
         401908.88    3781528.78       19.95135                      401928.88
3781528.78       20.13264
         401948.88    3781528.78       20.11101                      401968.88
3781528.78       19.79364
         401988.88    3781528.78       19.34218                      402008.88
3781528.78       18.49594
         402028.88    3781528.78       17.68070                      402048.88
3781528.78       16.70525
         402068.88    3781528.78       15.66195                      402088.88
3781528.78       14.50297
         402108.88    3781528.78       13.33882                      402128.88
3781528.78       12.19227
         402148.88    3781528.78       11.10040                      402168.88
3781528.78       10.07977
         402188.88    3781528.78        9.17498                      402208.88
3781528.78        8.29413
         402228.88    3781528.78        7.62509                      402248.88
3781528.78        6.99305
         402268.88    3781528.78        6.42822                      402288.88
3781528.78        5.93547
         402308.88    3781528.78        5.48356                      402328.88
3781528.78        5.09565
         402348.88    3781528.78        4.82913                      402368.88
3781528.78        4.47987
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        05:36:20

                                  PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
```

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402388.88	3781528.78	4.21166	402408.88	3781528.78	3.96311
402428.88	3781528.78	3.73845	402448.88	3781528.78	3.52624
402468.88	3781528.78	3.39332	402488.88	3781528.78	3.20964
402508.88	3781528.78	2.96977	401308.88	3781548.78	2.76633
401328.88	3781548.78	2.91378	401348.88	3781548.78	3.07754
401368.88	3781548.78	3.25911	401388.88	3781548.78	3.45331
401408.88	3781548.78	3.66387	401428.88	3781548.78	3.89534
401448.88	3781548.78	4.14953	401468.88	3781548.78	4.42848
401488.88	3781548.78	4.73754	401508.88	3781548.78	5.06077
401528.88	3781548.78	5.44147	401548.88	3781548.78	5.83302
401568.88	3781548.78	6.29870	401588.88	3781548.78	6.82515
401608.88	3781548.78	7.42505	401628.88	3781548.78	8.09472
401648.88	3781548.78	8.82225	401668.88	3781548.78	9.67219
401688.88	3781548.78	10.61631	401708.88	3781548.78	11.70218
401728.88	3781548.78	13.00471	401748.88	3781548.78	14.40827
401768.88	3781548.78	16.08413	401788.88		

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3781548.78       17.83222
         401808.88    3781548.78       19.55521                       401828.88
3781548.78       21.18813
         401848.88    3781548.78       22.55950                       401868.88
3781548.78       23.59423
         401888.88    3781548.78       24.37341                       401908.88
3781548.78       24.67760
         401928.88    3781548.78       24.87257                       401948.88
3781548.78       24.75166
         401968.88    3781548.78       24.32569                       401988.88
3781548.78       23.69559
         402008.88    3781548.78       22.79234                       402028.88
3781548.78       21.79294
         402048.88    3781548.78       20.48089                       402068.88
3781548.78       18.92594
         402088.88    3781548.78       17.22788                       402108.88
3781548.78       15.62184
         402128.88    3781548.78       13.99370                       402148.88
3781548.78       12.51719
         402168.88    3781548.78       11.23675                       402188.88
3781548.78       10.05480
         402208.88    3781548.78        9.01859                       402228.88
3781548.78        8.20272
         402248.88    3781548.78        7.45078                       402268.88
3781548.78        6.81659
         402288.88    3781548.78        6.27552                       402308.88
3781548.78        5.76903
         402328.88    3781548.78        5.35960                       402348.88
3781548.78        5.09456
         402368.88    3781548.78        4.67150                       402388.88
3781548.78        4.40443
         402408.88    3781548.78        4.13120                       402428.88
3781548.78        3.88375
         402448.88    3781548.78        3.65167                       402468.88
3781548.78        3.47011
         402488.88    3781548.78        3.32680                       402508.88
3781548.78        3.10888
         401308.88    3781568.78        2.79203                       401328.88
3781568.78        2.93934
         401348.88    3781568.78        3.11230                       401368.88
3781568.78        3.30497
         401388.88    3781568.78        3.50778                       401408.88
3781568.78        3.72983
         401428.88    3781568.78        3.97381                       401448.88
3781568.78        4.24665
         401468.88    3781568.78        4.54593                       401488.88
3781568.78        4.87494
         401508.88    3781568.78        5.23257                       401528.88
3781568.78        5.63774
1 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401548.88	3781568.78	6.07756	401568.88	3781568.78	6.59128
401588.88	3781568.78	7.17090	401608.88	3781568.78	7.83693
401628.88	3781568.78	8.59831	401648.88	3781568.78	9.41388
401668.88	3781568.78	10.35725	401688.88	3781568.78	11.52891
401708.88	3781568.78	12.90341	401728.88	3781568.78	14.64073
401748.88	3781568.78	16.52391	401768.88	3781568.78	18.91647
401788.88	3781568.78	21.57954	401808.88	3781568.78	24.29761
401828.88	3781568.78	26.78135	401848.88	3781568.78	28.80406
401868.88	3781568.78	30.29790	401888.88	3781568.78	31.41681
401908.88	3781568.78	31.77085	401928.88	3781568.78	31.78336
401948.88	3781568.78	31.83379	401968.88	3781568.78	31.34119

401988.88 3781568.78 30.46278 402008.88
3781568.78 29.15545
402028.88 3781568.78 27.79320 402048.88
3781568.78 26.17650
402068.88 3781568.78 23.73495 402088.88
3781568.78 21.26899
402108.88 3781568.78 18.73194 402128.88
3781568.78 16.27577
402148.88 3781568.78 14.19400 402168.88
3781568.78 12.47563
402188.88 3781568.78 11.06606 402208.88
3781568.78 9.78486
402228.88 3781568.78 8.80299 402248.88
3781568.78 7.92198
402268.88 3781568.78 7.21973 402288.88
3781568.78 6.59806
402308.88 3781568.78 6.05546 402328.88
3781568.78 5.63265
402348.88 3781568.78 5.27738 402368.88
3781568.78 4.87654
402388.88 3781568.78 4.55606 402408.88
3781568.78 4.27199
402428.88 3781568.78 4.02061 402448.88
3781568.78 3.77682
402468.88 3781568.78 3.56015 402488.88
3781568.78 3.41634
402508.88 3781568.78 3.24125 401308.88
3781588.78 2.80256
401328.88 3781588.78 2.96068 401348.88
3781588.78 3.13250
401368.88 3781588.78 3.33899 401388.88
3781588.78 3.55035
401408.88 3781588.78 3.76777 401428.88
3781588.78 4.02712
401448.88 3781588.78 4.31982 401468.88
3781588.78 4.64045
401488.88 3781588.78 4.98415 401508.88
3781588.78 5.39007
401528.88 3781588.78 5.82777 401548.88
3781588.78 6.31243
401568.88 3781588.78 6.87383 401588.88
3781588.78 7.51603
401608.88 3781588.78 8.23453 401628.88
3781588.78 9.06429
401648.88 3781588.78 10.05129 401668.88
3781588.78 11.17482
401688.88 3781588.78 12.57577 401708.88
3781588.78 14.28604
401728.88 3781588.78 16.45606 401748.88
3781588.78 19.11199

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401928.88	3781588.78	43.41017	401948.88	3781588.78	43.38181
401968.88	3781588.78	42.78941	401988.88	3781588.78	41.59028
402008.88	3781588.78	40.05466	402028.88	3781588.78	37.99714
402048.88	3781588.78	35.23355	402068.88	3781588.78	32.04688
402088.88	3781588.78	27.91103	402108.88	3781588.78	23.26477
402128.88	3781588.78	19.28844	402148.88	3781588.78	16.23268
402168.88	3781588.78	13.87771	402188.88		

3781588.78 12.07712
402208.88 3781588.78 10.59990 402228.88
3781588.78 9.42736
402248.88 3781588.78 8.44273 402268.88
3781588.78 7.62877
402288.88 3781588.78 6.92028 402308.88
3781588.78 6.38881
402328.88 3781588.78 5.92762 402348.88
3781588.78 5.42797
402368.88 3781588.78 5.04043 402388.88
3781588.78 4.71046
402408.88 3781588.78 4.41295 402428.88
3781588.78 4.13070
402448.88 3781588.78 3.88473 402468.88
3781588.78 3.66405
402488.88 3781588.78 3.47588 402508.88
3781588.78 3.30604
401308.88 3781608.78 2.81031 401328.88
3781608.78 2.96914
401348.88 3781608.78 3.14599 401368.88
3781608.78 3.35858
401388.88 3781608.78 3.56592 401408.88
3781608.78 3.79912
401428.88 3781608.78 4.07040 401448.88
3781608.78 4.38306
401468.88 3781608.78 4.71786 401488.88
3781608.78 5.07677
401508.88 3781608.78 5.51085 401528.88
3781608.78 5.98577
401548.88 3781608.78 6.52115 401568.88
3781608.78 7.12855
401588.88 3781608.78 7.82706 401608.88
3781608.78 8.62063
401628.88 3781608.78 9.55486 401648.88
3781608.78 10.66053
401668.88 3781608.78 11.88843 401688.88
3781608.78 13.56822
401708.88 3781608.78 15.65698 401728.88
3781608.78 18.30613
401748.88 3781608.78 22.10139 401768.88
3781608.78 27.46479
401788.88 3781608.78 35.95813 401808.88
3781608.78 48.69378
401828.88 3781608.78 57.74084 401848.88
3781608.78 63.18316
401868.88 3781608.78 65.97185 401888.88
3781608.78 68.47664
401908.88 3781608.78 69.84606 401928.88
3781608.78 68.96389
401948.88 3781608.78 68.86145 401968.88

3781608.78   67.67624
         401988.88   3781608.78   66.39153   402008.88
3781608.78   63.87204
         402028.88   3781608.78   60.67790   402048.88
3781608.78   57.02103
         402068.88   3781608.78   52.15201   402088.88
3781608.78   43.46138
         402108.88   3781608.78   31.06900   402128.88
3781608.78   23.03400
         402148.88   3781608.78   18.43730   402168.88
3781608.78   15.35367
         402188.88   3781608.78   13.09797   402208.88
3781608.78   11.37940
         402228.88   3781608.78   10.01181   402248.88
3781608.78   8.94143
         402268.88   3781608.78   8.00749   402288.88
3781608.78   7.28549

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                  ** CONC OF PM_10   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 -
         402308.88   3781608.78   6.84821   402328.88
3781608.78   6.29958
         402348.88   3781608.78   5.64937   402368.88
3781608.78   5.21084

402388.88 3781608.78 4.86984 402408.88
3781608.78 4.55836
402428.88 3781608.78 4.26943 402448.88
3781608.78 3.99702
402468.88 3781608.78 3.76169 402488.88
3781608.78 3.55484
402508.88 3781608.78 3.36038 401308.88
3781628.78 2.80927
401328.88 3781628.78 2.97039 401348.88
3781628.78 3.14856
401368.88 3781628.78 3.35898 401388.88
3781628.78 3.57792
401408.88 3781628.78 3.81911 401428.88
3781628.78 4.10207
401448.88 3781628.78 4.41987 401468.88
3781628.78 4.77382
401488.88 3781628.78 5.15091 401508.88
3781628.78 5.61923
401528.88 3781628.78 6.11131 401548.88
3781628.78 6.69584
401568.88 3781628.78 7.34528 401588.88
3781628.78 8.10062
401608.88 3781628.78 8.98534 401628.88
3781628.78 10.01152
401648.88 3781628.78 11.25361 401668.88
3781628.78 12.75231
401688.88 3781628.78 14.61643 401708.88
3781628.78 17.10143
401728.88 3781628.78 20.39892 401748.88
3781628.78 25.19811
401768.88 3781628.78 32.93302 401788.88
3781628.78 49.61539
402128.88 3781628.78 26.90398 402148.88
3781628.78 20.63487
402168.88 3781628.78 16.82655 402188.88
3781628.78 14.13776
402208.88 3781628.78 12.17150 402228.88
3781628.78 10.65199
402248.88 3781628.78 9.39782 402268.88
3781628.78 8.44642
402288.88 3781628.78 7.86880 402308.88
3781628.78 7.23969
402328.88 3781628.78 6.57613 402348.88
3781628.78 5.87015
402368.88 3781628.78 5.38866 402388.88
3781628.78 5.08936
402408.88 3781628.78 4.74540 402428.88
3781628.78 4.38901
402448.88 3781628.78 4.10271 402468.88
3781628.78 3.85099

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         402488.88    3781628.78        3.62217                      402508.88
3781628.78        3.41240
         401308.88    3781648.78        2.79321                      401328.88
3781648.78        2.96276
         401348.88    3781648.78        3.14381                      401368.88
3781648.78        3.34431
         401388.88    3781648.78        3.57659                      401408.88
3781648.78        3.83191
         401428.88    3781648.78        4.11987                      401448.88
3781648.78        4.43936
         401468.88    3781648.78        4.80638                      401488.88
3781648.78        5.21709
         401508.88    3781648.78        5.68962                      401528.88
3781648.78        6.22551
         401548.88    3781648.78        6.83216                      401568.88
3781648.78        7.52582
         401588.88    3781648.78        8.33216                      401608.88
3781648.78        9.27785
         401628.88    3781648.78       10.38369                      401648.88
3781648.78       11.74657
         401668.88    3781648.78       13.42657                      401688.88
3781648.78       15.53668
         401708.88    3781648.78       18.35534                      401728.88
3781648.78       22.19203
         401748.88    3781648.78       27.94768                      401768.88
3781648.78       37.55002
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 148
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401788.88	3781648.78	59.21310	402108.88	3781648.78	44.03163
402128.88	3781648.78	29.19360	402148.88	3781648.78	22.30553
402168.88	3781648.78	18.00885	402188.88	3781648.78	14.99094
402208.88	3781648.78	12.84076	402228.88	3781648.78	11.18210
402248.88	3781648.78	9.87385	402268.88	3781648.78	9.15276
402288.88	3781648.78	8.35278	402308.88	3781648.78	7.53878
402328.88	3781648.78	6.70732	402348.88	3781648.78	6.03891
402368.88	3781648.78	5.55436	402388.88	3781648.78	5.24492
402408.88	3781648.78	4.90088	402428.88	3781648.78	4.50388
402448.88	3781648.78	4.20876	402468.88	3781648.78	3.93829
402488.88	3781648.78	3.69924	402508.88	3781648.78	3.48233
401308.88	3781668.78	2.76911	401328.88	3781668.78	2.93361
401348.88	3781668.78	3.11416	401368.88	3781668.78	3.31342
401388.88	3781668.78	3.54712	401408.88	3781668.78	3.81437
401428.88	3781668.78	4.10417	401448.88	3781668.78	4.42942
401468.88	3781668.78	4.81894	401488.88	3781668.78	5.24694
401508.88	3781668.78	5.73595	401528.88	3781668.78	6.28037
401548.88	3781668.78	6.93357	401568.88	3781668.78	7.64149
401588.88	3781668.78	8.50042	401608.88	3781668.78	9.49440
401628.88	3781668.78	10.71702	401648.88	3781668.78	12.17946
401668.88	3781668.78	14.01081	401688.88	3781668.78	16.33761
401708.88	3781668.78	19.45656	401728.88	3781668.78	23.73899
401748.88	3781668.78	30.19652	401768.88		

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3781668.78       41.01976
         401788.88    3781668.78       64.68489                       402108.88
3781668.78       42.64622
         402128.88    3781668.78       30.06746                       402148.88
3781668.78       23.33763
         402168.88    3781668.78       18.89560                       402188.88
3781668.78       15.85106
         402208.88    3781668.78       13.52341                       402228.88
3781668.78       11.59247
         402248.88    3781668.78       10.28033                       402268.88
3781668.78        9.59161
         402288.88    3781668.78        8.71163                       402308.88
3781668.78        7.89256
         402328.88    3781668.78        6.90153                       402348.88
3781668.78        6.23034
         402368.88    3781668.78        5.70436                       402388.88
3781668.78        5.31396
         402408.88    3781668.78        5.00692                       402428.88
3781668.78        4.60217
         402448.88    3781668.78        4.29345                       402468.88
3781668.78        4.01688
         402488.88    3781668.78        3.78121                       402508.88
3781668.78        3.56034
         401308.88    3781688.78        2.75719                       401328.88
3781688.78        2.91882
         401348.88    3781688.78        3.10120                       401368.88
3781688.78        3.29951
         401388.88    3781688.78        3.53551                       401408.88
3781688.78        3.80840
         401428.88    3781688.78        4.11770                       401448.88
3781688.78        4.45086
         401468.88    3781688.78        4.83939                       401488.88
3781688.78        5.27772
         401508.88    3781688.78        5.78405                       401528.88
3781688.78        6.34160
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        05:36:20

                                 PAGE 149
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
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, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401548.88	3781688.78	6.99339	401568.88	3781688.78	7.74567
401588.88	3781688.78	8.63488	401608.88	3781688.78	9.67648
401628.88	3781688.78	10.93482	401648.88	3781688.78	12.48188
401668.88	3781688.78	14.42168	401688.88	3781688.78	16.90397
401708.88	3781688.78	20.20341	401728.88	3781688.78	24.78766
401748.88	3781688.78	31.51883	401768.88	3781688.78	42.95557
401788.88	3781688.78	67.76480	402088.88	3781688.78	63.41588
402108.88	3781688.78	40.65808	402128.88	3781688.78	30.08753
402148.88	3781688.78	23.77917	402168.88	3781688.78	19.40881
402188.88	3781688.78	16.28581	402208.88	3781688.78	13.84773
402228.88	3781688.78	12.10893	402248.88	3781688.78	10.83921
402268.88	3781688.78	9.66644	402288.88	3781688.78	9.11611
402308.88	3781688.78	8.21546	402328.88	3781688.78	7.27672
402348.88	3781688.78	6.45344	402368.88	3781688.78	5.83337
402388.88	3781688.78	5.44900	402408.88	3781688.78	5.08039
402428.88	3781688.78	4.70878	402448.88	3781688.78	4.38839
402468.88	3781688.78	4.10895	402488.88	3781688.78	3.86847
402508.88	3781688.78	3.65760	401308.88	3781708.78	2.64620

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         401328.88    3781708.78        2.79170                     401348.88
3781708.78        2.97461
         401368.88    3781708.78        3.17334                     401388.88
3781708.78        3.41692
         401408.88    3781708.78        3.68767                     401428.88
3781708.78        3.98500
         401448.88    3781708.78        4.33345                     401468.88
3781708.78        4.71877
         401488.88    3781708.78        5.16856                     401508.88
3781708.78        5.67882
         401528.88    3781708.78        6.31532                     401548.88
3781708.78        7.02042
         401568.88    3781708.78        7.79453                     401588.88
3781708.78        8.70463
         401608.88    3781708.78        9.76414                     401628.88
3781708.78       11.04041
         401648.88    3781708.78       12.61986                     401668.88
3781708.78       14.57708
         401688.88    3781708.78       17.20975                     401708.88
3781708.78       20.53377
         401728.88    3781708.78       25.33085                     401748.88
3781708.78       32.18225
         401768.88    3781708.78       43.69942                     401788.88
3781708.78       69.36937
         402088.88    3781708.78       56.16362                     402108.88
3781708.78       38.85012
         402128.88    3781708.78       29.86285                     402148.88
3781708.78       24.01794
         402168.88    3781708.78       19.88289                     402188.88
3781708.78       16.73437
         402208.88    3781708.78       14.11863                     402228.88
3781708.78       12.49995
         402248.88    3781708.78       11.52391                     402268.88
3781708.78        9.76494
         402288.88    3781708.78        9.41483                     402308.88
3781708.78        8.59469
         402328.88    3781708.78        7.72838                     402348.88
3781708.78        6.57454
         402368.88    3781708.78        5.94853                     402388.88
3781708.78        5.64580
         402408.88    3781708.78        5.17170                     402428.88
3781708.78        4.83825
         402448.88    3781708.78        4.53266                     402468.88
3781708.78        4.21751
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402488.88	3781708.78	3.96284	402508.88	3781708.78	3.76805
401308.88	3781728.78	2.61741	401328.88	3781728.78	2.77382
401348.88	3781728.78	2.96379	401368.88	3781728.78	3.16911
401388.88	3781728.78	3.40123	401408.88	3781728.78	3.67188
401428.88	3781728.78	3.97560	401448.88	3781728.78	4.31895
401468.88	3781728.78	4.71011	401488.88	3781728.78	5.14947
401508.88	3781728.78	5.67514	401528.88	3781728.78	6.32114
401548.88	3781728.78	7.01188	401568.88	3781728.78	7.78460
401588.88	3781728.78	8.71064	401608.88	3781728.78	9.75190
401628.88	3781728.78	11.04937	401648.88	3781728.78	12.62867
401668.88	3781728.78	14.62329	401688.88	3781728.78	17.20246
401708.88	3781728.78	20.67976	401728.88	3781728.78	25.46085
401748.88	3781728.78	32.38987	401768.88	3781728.78	44.14871
401788.88	3781728.78	70.01402	402088.88		

3781728.78 50.71216
402108.88 3781728.78 37.00621 402128.88
3781728.78 29.07104
402148.88 3781728.78 23.87590 402168.88
3781728.78 20.10823
402188.88 3781728.78 17.22046 402208.88
3781728.78 14.72932
402228.88 3781728.78 12.84076 402248.88
3781728.78 11.61740
402268.88 3781728.78 10.39511 402288.88
3781728.78 9.44073
402308.88 3781728.78 8.86837 402328.88
3781728.78 7.77295
402348.88 3781728.78 6.92789 402368.88
3781728.78 6.14535
402388.88 3781728.78 5.77626 402408.88
3781728.78 5.27458
402428.88 3781728.78 4.94603 402448.88
3781728.78 4.64502
402468.88 3781728.78 4.35616 402488.88
3781728.78 4.08578
402508.88 3781728.78 3.87304 401308.88
3781748.78 2.57317
401328.88 3781748.78 2.73202 401348.88
3781748.78 2.91679
401368.88 3781748.78 3.11909 401388.88
3781748.78 3.35292
401408.88 3781748.78 3.61944 401428.88
3781748.78 3.91304
401448.88 3781748.78 4.27232 401468.88
3781748.78 4.64235
401488.88 3781748.78 5.08404 401508.88
3781748.78 5.61067
401528.88 3781748.78 6.24153 401548.88
3781748.78 6.95192
401568.88 3781748.78 7.70774 401588.88
3781748.78 8.62596
401608.88 3781748.78 9.62809 401628.88
3781748.78 10.90366
401648.88 3781748.78 12.46619 401668.88
3781748.78 14.41081
401688.88 3781748.78 16.93485 401708.88
3781748.78 20.37508
401728.88 3781748.78 25.07862 401748.88
3781748.78 31.80480
401768.88 3781748.78 43.65575 401788.88
3781748.78 69.70991
402068.88 3781748.78 69.51135 402088.88
3781748.78 45.81266
402108.88 3781748.78 34.71460 402128.88

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         402188.88   3781748.78   16.56222   402208.88
3781748.78   14.65671
         402228.88   3781748.78   13.07373   402248.88
3781748.78   11.62391
         402268.88   3781748.78   10.55667   402288.88
3781748.78   9.74224
         402308.88   3781748.78   9.04396   402328.88
3781748.78   8.29168
         402348.88   3781748.78   7.20054   402368.88
3781748.78   6.52310
         402388.88   3781748.78   5.97448   402408.88
3781748.78   5.51667
         402428.88   3781748.78   5.12797   402448.88
3781748.78   4.93497
         402468.88   3781748.78   4.50617   402488.88
3781748.78   4.27279
         402508.88   3781748.78   4.01220   401308.88
3781768.78   2.51941

401328.88 3781768.78 2.67570 401348.88
3781768.78 2.85829
401368.88 3781768.78 3.04850 401388.88
3781768.78 3.29076
401408.88 3781768.78 3.53995 401428.88
3781768.78 3.81873
401448.88 3781768.78 4.16883 401468.88
3781768.78 4.53024
401488.88 3781768.78 4.95357 401508.88
3781768.78 5.48488
401528.88 3781768.78 6.15361 401548.88
3781768.78 6.82241
401568.88 3781768.78 7.58904 401588.88
3781768.78 8.45876
401608.88 3781768.78 9.47456 401628.88
3781768.78 10.71503
401648.88 3781768.78 12.22226 401668.88
3781768.78 14.16400
401688.88 3781768.78 16.61256 401708.88
3781768.78 19.89289
401728.88 3781768.78 24.36365 401748.88
3781768.78 31.03219
401768.88 3781768.78 42.84454 401788.88
3781768.78 69.04297
402068.88 3781768.78 59.65089 402088.88
3781768.78 41.52042
402108.88 3781768.78 32.35655 402128.88
3781768.78 25.52096
402148.88 3781768.78 21.19973 402168.88
3781768.78 18.06239
402188.88 3781768.78 15.62985 402208.88
3781768.78 13.98434
402228.88 3781768.78 13.05615 402248.88
3781768.78 11.68308
402268.88 3781768.78 10.66405 402288.88
3781768.78 9.83017
402308.88 3781768.78 9.09019 402328.88
3781768.78 8.39178
402348.88 3781768.78 7.73512 402368.88
3781768.78 7.01289
402388.88 3781768.78 6.35834 402408.88
3781768.78 5.90675
402428.88 3781768.78 5.51492 402448.88
3781768.78 5.02656
402468.88 3781768.78 4.63259 402488.88
3781768.78 4.37152
402508.88 3781768.78 4.10356 401308.88
3781788.78 2.30468
401328.88 3781788.78 2.44317 401348.88
3781788.78 2.62383

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401608.88	3781788.78	9.14236	401628.88	3781788.78	10.28902
401648.88	3781788.78	11.72087	401668.88	3781788.78	13.45093
401688.88	3781788.78	15.45034	401708.88	3781788.78	18.29650
401728.88	3781788.78	22.51019	401748.88	3781788.78	27.98756
401768.88	3781788.78	40.97122	401788.88		

3781788.78 67.18149
402068.88 3781788.78 52.79716 402088.88
3781788.78 38.08478
402108.88 3781788.78 30.02830 402128.88
3781788.78 23.98117
402148.88 3781788.78 20.12054 402168.88
3781788.78 17.29314
402188.88 3781788.78 15.05632 402208.88
3781788.78 13.64556
402228.88 3781788.78 12.77233 402248.88
3781788.78 11.58221
402268.88 3781788.78 10.61210 402288.88
3781788.78 9.77937
402308.88 3781788.78 9.02967 402328.88
3781788.78 8.36615
402348.88 3781788.78 7.79071 402368.88
3781788.78 7.05919
402388.88 3781788.78 6.33958 402408.88
3781788.78 5.90253
402428.88 3781788.78 5.50701 402448.88
3781788.78 5.09243
402468.88 3781788.78 4.74370 402488.88
3781788.78 4.53912
402508.88 3781788.78 4.29880 401308.88
3781808.78 2.24529
401328.88 3781808.78 2.37028 401348.88
3781808.78 2.53014
401368.88 3781808.78 2.70946 401388.88
3781808.78 2.90309
401408.88 3781808.78 3.13059 401428.88
3781808.78 3.41320
401448.88 3781808.78 3.74977 401468.88
3781808.78 4.10429
401488.88 3781808.78 4.50269 401508.88
3781808.78 4.99365
401528.88 3781808.78 5.72066 401548.88
3781808.78 6.40064
401568.88 3781808.78 7.05486 401588.88
3781808.78 7.83243
401608.88 3781808.78 8.74683 401628.88
3781808.78 9.72780
401648.88 3781808.78 10.41754 401668.88
3781808.78 11.61330
401688.88 3781808.78 13.51059 401708.88
3781808.78 16.31994
401728.88 3781808.78 20.14048 401748.88
3781808.78 26.11838
401768.88 3781808.78 36.25461 401788.88
3781808.78 64.09234
402068.88 3781808.78 47.08222 402088.88

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3781808.78       33.79087
         402108.88    3781808.78       27.37703                      402128.88
3781808.78       22.69600
         402148.88    3781808.78       18.94408                      402168.88
3781808.78       16.42838
         402188.88    3781808.78       14.39488                      402208.88
3781808.78       13.12350
         402228.88    3781808.78       12.27186                      402248.88
3781808.78       11.23138
         402268.88    3781808.78       10.33384                      402288.88
3781808.78        9.56495
         402308.88    3781808.78        8.87430                      402328.88
3781808.78        8.26499
         402348.88    3781808.78        7.73351                      402368.88
3781808.78        6.97764
         402388.88    3781808.78        6.28037                      402408.88
3781808.78        5.88075
         402428.88    3781808.78        5.54065                      402448.88
3781808.78        5.20413
         402468.88    3781808.78        4.84664                      402488.88
3781808.78        4.67645
↑ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       05:36:20

                                  PAGE 153
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
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         402508.88    3781808.78        4.43675                    401308.88
3781828.78        2.18802
         401328.88    3781828.78        2.32823                    401348.88
3781828.78        2.48427
         401368.88    3781828.78        2.65629                    401388.88
3781828.78        2.84662
         401408.88    3781828.78        3.06237                    401428.88
3781828.78        3.31480
         401448.88    3781828.78        3.62928                    401468.88
3781828.78        3.99908
         401488.88    3781828.78        4.41341                    401508.88
3781828.78        4.89747
         401528.88    3781828.78        5.48121                    401548.88
3781828.78        6.13109
         401568.88    3781828.78        6.80721                    401588.88
3781828.78        7.46273
         401608.88    3781828.78        7.87596                    401628.88
3781828.78        8.46895
         401648.88    3781828.78        9.64090                    401668.88
3781828.78       11.16082
         401688.88    3781828.78       13.11076                    401708.88
3781828.78       15.74680
         401728.88    3781828.78       19.24233                    401748.88
3781828.78       25.20732
         401768.88    3781828.78       34.46601                    401788.88
3781828.78       59.70977
         402068.88    3781828.78       37.96757                    402088.88
3781828.78       29.01108
         402108.88    3781828.78       24.36658                    402128.88
3781828.78       20.82223
         402148.88    3781828.78       17.87394                    402168.88
3781828.78       15.53878
         402188.88    3781828.78       13.72654                    402208.88
3781828.78       12.45192
         402228.88    3781828.78       11.66432                    402248.88
3781828.78       10.75021
         402268.88    3781828.78        9.96607                    402288.88
3781828.78        9.26480
         402308.88    3781828.78        8.63151                    402328.88
3781828.78        8.05719
         402348.88    3781828.78        7.56363                    402368.88
3781828.78        7.12672
         402388.88    3781828.78        6.31972                    402408.88
3781828.78        5.88033
         402428.88    3781828.78        5.63244                    402448.88
3781828.78        5.31411
         402468.88    3781828.78        4.96005                    402488.88
3781828.78        4.76846
         402508.88    3781828.78        4.51942                    401308.88
3781848.78        2.08561
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         401328.88    3781848.78        2.21304                      401348.88
3781848.78        2.36141
         401368.88    3781848.78        2.52411                      401388.88
3781848.78        2.70985
         401408.88    3781848.78        2.91572                      401428.88
3781848.78        3.15745
         401448.88    3781848.78        3.44490                      401468.88
3781848.78        3.74938
         401488.88    3781848.78        4.19763                      401508.88
3781848.78        4.61109
         401528.88    3781848.78        5.16762                      401548.88
3781848.78        5.80882
         401568.88    3781848.78        6.21188                      401588.88
3781848.78        6.52996
         401608.88    3781848.78        7.21897                      401628.88
3781848.78        8.15151
         401648.88    3781848.78        9.28907                      401668.88
3781848.78       10.59247
         401688.88    3781848.78       12.16810                      401708.88
3781848.78       14.57632
         401728.88    3781848.78       17.98850                      401748.88
3781848.78       22.79852
         401768.88    3781848.78       31.12799                      401788.88
3781848.78       53.06987
         401908.88    3781848.78       64.69728                      401928.88
3781848.78       51.55009
         401948.88    3781848.78       45.64964                      401968.88
3781848.78       43.34304
         401988.88    3781848.78       42.14117                      402008.88
3781848.78       40.39492
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 154
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402028.88	3781848.78	37.15910	402048.88	3781848.78	33.82780
402068.88	3781848.78	28.22177	402088.88	3781848.78	24.07542
402108.88	3781848.78	20.65102	402128.88	3781848.78	18.62905
402148.88	3781848.78	16.48408	402168.88	3781848.78	14.59124
402188.88	3781848.78	12.98708	402208.88	3781848.78	11.72537
402228.88	3781848.78	10.83922	402248.88	3781848.78	10.19187
402268.88	3781848.78	9.48143	402288.88	3781848.78	8.87235
402308.88	3781848.78	8.28244	402328.88	3781848.78	7.79126
402348.88	3781848.78	7.36034	402368.88	3781848.78	6.92935
402388.88	3781848.78	6.23428	402408.88	3781848.78	5.88106
402428.88	3781848.78	5.64643	402448.88	3781848.78	5.33110
402468.88	3781848.78	5.04325	402488.88	3781848.78	4.81628
402508.88	3781848.78	4.58588	401308.88	3781868.78	1.99501
401328.88	3781868.78	2.09345	401348.88	3781868.78	2.23271
401368.88	3781868.78	2.38876	401388.88	3781868.78	2.56313
401408.88	3781868.78	2.74565	401428.88	3781868.78	2.92535
401448.88	3781868.78	3.19896	401468.88	3781868.78	3.49171
401488.88	3781868.78	3.94505	401508.88	3781868.78	4.41325
401528.88	3781868.78	4.91754	401548.88	3781868.78	5.47392
401568.88	3781868.78	5.77785	401588.88	3781868.78	6.27902
401608.88	3781868.78	6.97487	401628.88		

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3781868.78        7.75965
         401648.88    3781868.78        8.64619                        401668.88
3781868.78        9.80460
         401688.88    3781868.78       11.21199                        401708.88
3781868.78       11.90071
         401728.88    3781868.78       15.31491                        401748.88
3781868.78       18.39538
         401768.88    3781868.78       24.24159                        401788.88
3781868.78       40.18980
         401888.88    3781868.78       61.39031                        401908.88
3781868.78       42.48260
         401928.88    3781868.78       36.04669                        401948.88
3781868.78       32.29335
         401968.88    3781868.78       30.41653                        401988.88
3781868.78       28.79920
         402008.88    3781868.78       28.33031                        402028.88
3781868.78       26.08166
         402048.88    3781868.78       23.74663                        402068.88
3781868.78       22.12268
         402088.88    3781868.78       19.54938                        402108.88
3781868.78       17.47470
         402128.88    3781868.78       16.53303                        402148.88
3781868.78       14.85579
         402168.88    3781868.78       13.42415                        402188.88
3781868.78       12.19267
         402208.88    3781868.78       11.07003                        402228.88
3781868.78       10.18222
         402248.88    3781868.78        9.54652                        402268.88
3781868.78        8.93707
         402288.88    3781868.78        8.37189                        402308.88
3781868.78        7.85890
         402328.88    3781868.78        7.40897                        402348.88
3781868.78        7.05247
         402368.88    3781868.78        6.68662                        402388.88
3781868.78        6.17379
         402408.88    3781868.78        5.91940                        402428.88
3781868.78        5.65551
         402448.88    3781868.78        5.36741                        402468.88
3781868.78        5.08213
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 155
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
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, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         402488.88    3781868.78        4.89966                       402508.88
3781868.78        4.68424
         401308.88    3781888.78        1.79678                       401328.88
3781888.78        1.88149
         401348.88    3781888.78        1.98501                       401368.88
3781888.78        2.09718
         401388.88    3781888.78        2.22498                       401408.88
3781888.78        2.38696
         401428.88    3781888.78        2.56361                       401448.88
3781888.78        2.80258
         401468.88    3781888.78        3.05877                       401488.88
3781888.78        3.57061
         401508.88    3781888.78        3.94425                       401528.88
3781888.78        4.55825
         401548.88    3781888.78        5.11176                       401568.88
3781888.78        5.50759
         401588.88    3781888.78        6.02057                       401608.88
3781888.78        6.55128
         401628.88    3781888.78        7.24758                       401648.88
3781888.78        8.03881
         401668.88    3781888.78        8.32799                       401688.88
3781888.78        8.39722
         401708.88    3781888.78        9.48542                       401728.88
3781888.78       11.81323
         401748.88    3781888.78       15.67620                       401768.88
3781888.78       18.04424
         401788.88    3781888.78       23.91322                       401808.88
3781888.78       30.07487
         401828.88    3781888.78       43.75140                       401848.88
3781888.78       50.31255
         401868.88    3781888.78       46.62600                       401888.88
3781888.78       36.57991
```

401908.88 3781888.78 29.82377 401928.88
3781888.78 26.06759
401948.88 3781888.78 23.25833 401968.88
3781888.78 20.74342
401988.88 3781888.78 20.06457 402008.88
3781888.78 20.83091
402028.88 3781888.78 19.65213 402048.88
3781888.78 17.79838
402068.88 3781888.78 17.04260 402088.88
3781888.78 15.88157
402108.88 3781888.78 14.79746 402128.88
3781888.78 13.62266
402148.88 3781888.78 13.11902 402168.88
3781888.78 12.16825
402188.88 3781888.78 11.17878 402208.88
3781888.78 10.32540
402228.88 3781888.78 9.51472 402248.88
3781888.78 8.91345
402268.88 3781888.78 8.26186 402288.88
3781888.78 7.79340
402308.88 3781888.78 7.39474 402328.88
3781888.78 7.04144
402348.88 3781888.78 6.81652 402368.88
3781888.78 6.38617
402388.88 3781888.78 6.02191 402408.88
3781888.78 5.82497
402428.88 3781888.78 5.60263 402448.88
3781888.78 5.34521
402468.88 3781888.78 5.07017 402488.88
3781888.78 4.84852
402508.88 3781888.78 4.64760 401308.88
3781908.78 1.75706
401328.88 3781908.78 1.85024 401348.88
3781908.78 1.95120
401368.88 3781908.78 2.06042 401388.88
3781908.78 2.17935
401408.88 3781908.78 2.31248 401428.88
3781908.78 2.46683
401448.88 3781908.78 2.67563 401468.88
3781908.78 2.95161
401488.88 3781908.78 3.29998 401508.88
3781908.78 3.76135
401528.88 3781908.78 4.25567 401548.88
3781908.78 4.65163
401568.88 3781908.78 5.01693 401588.88
3781908.78 5.60197
401608.88 3781908.78 6.11932 401628.88
3781908.78 6.32620

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401648.88	3781908.78	6.18741	401668.88	3781908.78	6.72039
401688.88	3781908.78	7.62132	401708.88	3781908.78	8.72739
401728.88	3781908.78	10.10778	401748.88	3781908.78	12.21658
401768.88	3781908.78	13.47547	401788.88	3781908.78	15.49507
401808.88	3781908.78	18.09324	401828.88	3781908.78	22.26032
401848.88	3781908.78	23.93857	401868.88	3781908.78	25.92229
401888.88	3781908.78	23.45798	401908.88	3781908.78	21.18702
401928.88	3781908.78	18.57962	401948.88	3781908.78	16.96571
401968.88	3781908.78	15.73243	401988.88	3781908.78	15.20780
402008.88	3781908.78	14.67883	402028.88	3781908.78	14.35616
402048.88	3781908.78	13.76930	402068.88	3781908.78	13.47845
402088.88	3781908.78	12.94026	402108.88		

3781908.78 12.37268
402128.88 3781908.78 11.59117 402148.88
3781908.78 11.36110
402168.88 3781908.78 10.95920 402188.88
3781908.78 10.10659
402208.88 3781908.78 9.50586 402228.88
3781908.78 8.85440
402248.88 3781908.78 8.26572 402268.88
3781908.78 7.65561
402288.88 3781908.78 7.13532 402308.88
3781908.78 6.84821
402328.88 3781908.78 6.58095 402348.88
3781908.78 6.40318
402368.88 3781908.78 6.16922 402388.88
3781908.78 5.93823
402408.88 3781908.78 5.63729 402428.88
3781908.78 5.41273
402448.88 3781908.78 5.18894 402468.88
3781908.78 4.99755
402488.88 3781908.78 4.79808 402508.88
3781908.78 4.61052
401308.88 3781928.78 1.64966 401328.88
3781928.78 1.74230
401348.88 3781928.78 1.83646 401368.88
3781928.78 1.94649
401388.88 3781928.78 2.05434 401408.88
3781928.78 2.16343
401428.88 3781928.78 2.31466 401448.88
3781928.78 2.46443
401468.88 3781928.78 2.76264 401488.88
3781928.78 3.08167
401508.88 3781928.78 3.54377 401528.88
3781928.78 3.83638
401548.88 3781928.78 4.40384 401568.88
3781928.78 4.69993
401588.88 3781928.78 4.87663 401608.88
3781928.78 4.79852
401628.88 3781928.78 5.08334 401648.88
3781928.78 5.65645
401668.88 3781928.78 6.30262 401688.88
3781928.78 7.09950
401708.88 3781928.78 7.79510 401728.88
3781928.78 8.52467
401748.88 3781928.78 9.31021 401768.88
3781928.78 9.47641
401788.88 3781928.78 10.68463 401808.88
3781928.78 12.54942
401828.88 3781928.78 15.29367 401848.88
3781928.78 16.16319
401868.88 3781928.78 16.50640 401888.88

3781928.78 15.55199
401908.88 3781928.78 14.54547 401928.88
3781928.78 13.69764
401948.88 3781928.78 12.58566 401968.88
3781928.78 11.70200
401988.88 3781928.78 11.19292 402008.88
3781928.78 11.13244

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402028.88	3781928.78	11.00648	402048.88	3781928.78	10.79651
402068.88	3781928.78	10.87041	402088.88	3781928.78	10.61430
402108.88	3781928.78	10.36162	402128.88	3781928.78	9.92759
402148.88	3781928.78	9.69168	402168.88	3781928.78	9.74683
402188.88	3781928.78	9.20069	402208.88	3781928.78	8.75361
402228.88	3781928.78	8.11082	402248.88	3781928.78	7.65270
402268.88	3781928.78	7.03772	402288.88	3781928.78	6.52639

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         402308.88    3781928.78        6.28694                    402328.88
3781928.78        5.97835
         402348.88    3781928.78        5.72758                    402368.88
3781928.78        5.47701
         402388.88    3781928.78        5.56279                    402408.88
3781928.78        5.43573
         402428.88    3781928.78        5.23732                    402448.88
3781928.78        5.04204
         402468.88    3781928.78        4.86295                    402488.88
3781928.78        4.68907
         402508.88    3781928.78        4.52212                    401308.88
3781948.78        1.60501
         401328.88    3781948.78        1.69414                    401348.88
3781948.78        1.78478
         401368.88    3781948.78        1.88378                    401388.88
3781948.78        1.98471
         401408.88    3781948.78        2.09004                    401428.88
3781948.78        2.22151
         401448.88    3781948.78        2.33499                    401468.88
3781948.78        2.50366
         401488.88    3781948.78        2.74664                    401508.88
3781948.78        3.24825
         401528.88    3781948.78        3.73785                    401548.88
3781948.78        3.71241
         401568.88    3781948.78        3.58470                    401588.88
3781948.78        3.99320
         401608.88    3781948.78        4.33396                    401628.88
3781948.78        4.81150
         401648.88    3781948.78        5.33937                    401668.88
3781948.78        5.78808
         401688.88    3781948.78        6.15780                    401708.88
3781948.78        6.63785
         401728.88    3781948.78        7.33237                    401748.88
3781948.78        7.20034
         401768.88    3781948.78        7.39187                    401788.88
3781948.78        7.90351
         401808.88    3781948.78        9.67619                    401828.88
3781948.78       11.49400
         401848.88    3781948.78       11.99683                    401868.88
3781948.78       11.59769
         401888.88    3781948.78       11.15024                    401908.88
3781948.78       10.53835
         401928.88    3781948.78       10.00186                    401948.88
3781948.78        9.35627
         401968.88    3781948.78        8.67192                    401988.88
3781948.78        8.35114
         402008.88    3781948.78        8.50483                    402028.88
3781948.78        8.62770
         402048.88    3781948.78        8.52132                    402068.88
3781948.78        8.81533
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402408.88	3781948.78	5.15244	402428.88	3781948.78	4.98452
402448.88	3781948.78	4.82203	402468.88	3781948.78	4.66449
402488.88	3781948.78	4.51077	402508.88		

3781948.78 4.36602
401308.88 3781968.78 1.35257 401328.88
3781968.78 1.41039
401348.88 3781968.78 1.47395 401368.88
3781968.78 1.53764
401388.88 3781968.78 1.60778 401408.88
3781968.78 1.68405
401428.88 3781968.78 1.77271 401448.88
3781968.78 2.02951
401468.88 3781968.78 2.21231 401488.88
3781968.78 2.33558
401508.88 3781968.78 2.98495 401528.88
3781968.78 3.09910
401548.88 3781968.78 3.04460 401568.88
3781968.78 3.35442
401588.88 3781968.78 3.65391 401608.88
3781968.78 4.05955
401628.88 3781968.78 4.42641 401648.88
3781968.78 4.63623
401668.88 3781968.78 5.12044 401688.88
3781968.78 5.47648
401708.88 3781968.78 5.63667 401728.88
3781968.78 5.36734
401748.88 3781968.78 5.66864 401768.88
3781968.78 5.86699
401788.88 3781968.78 6.11368 401808.88
3781968.78 7.34113
401828.88 3781968.78 9.11358 401848.88
3781968.78 9.41635
401868.88 3781968.78 8.93486 401888.88
3781968.78 8.29307
401908.88 3781968.78 7.80908 401928.88
3781968.78 7.34136
401948.88 3781968.78 6.99960 401968.88
3781968.78 6.82765
401988.88 3781968.78 6.70355 402008.88
3781968.78 6.78190
402028.88 3781968.78 6.83339 402048.88
3781968.78 6.93462
402068.88 3781968.78 6.86987 402088.88
3781968.78 6.82468
402108.88 3781968.78 7.17010 402128.88
3781968.78 6.95519
402148.88 3781968.78 6.86946 402168.88
3781968.78 7.72405
402188.88 3781968.78 7.53438 402208.88
3781968.78 7.00911
402228.88 3781968.78 6.72200 402248.88
3781968.78 6.40601
402268.88 3781968.78 6.17862 402288.88

3781968.78   5.90302
         402308.88   3781968.78   5.45604   402328.88
3781968.78   4.98850
         402348.88   3781968.78   4.71947   402368.88
3781968.78   4.48817
         402388.88   3781968.78   4.52140   402408.88
3781968.78   4.81716
         402428.88   3781968.78   4.68057   402448.88
3781968.78   4.54606
         402468.88   3781968.78   4.41571   402488.88
3781968.78   4.30091
         402508.88   3781968.78   4.17204   401308.88
3781988.78   1.29367
         401328.88   3781988.78   1.34732   401348.88
3781988.78   1.40617
         401368.88   3781988.78   1.47241   401388.88
3781988.78   1.54298
         401408.88   3781988.78   1.61466   401428.88
3781988.78   1.71797
         401448.88   3781988.78   1.86730   401468.88
3781988.78   1.92381
         401488.88   3781988.78   2.11400   401508.88
3781988.78   2.76951
         401528.88   3781988.78   2.61712   401548.88
3781988.78   2.89212

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                                    L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                                    L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                                    L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401568.88	3781988.78	3.11233	401588.88	3781988.78	3.36531
401608.88	3781988.78	3.57007	401628.88	3781988.78	3.91340
401648.88	3781988.78	4.22793	401668.88	3781988.78	4.23210
401688.88	3781988.78	3.90399	401708.88	3781988.78	3.74971
401728.88	3781988.78	4.00448	401748.88	3781988.78	4.55927
401768.88	3781988.78	4.50454	401788.88	3781988.78	4.77269
401808.88	3781988.78	5.46079	401828.88	3781988.78	7.29546
401848.88	3781988.78	7.35477	401868.88	3781988.78	6.97049
401888.88	3781988.78	6.34314	401908.88	3781988.78	5.94391
401928.88	3781988.78	5.81622	401948.88	3781988.78	5.72962
401968.88	3781988.78	5.69614	401988.88	3781988.78	5.65931
402008.88	3781988.78	5.67029	402028.88	3781988.78	5.67002
402048.88	3781988.78	5.87771	402068.88	3781988.78	5.81287
402088.88	3781988.78	5.74259	402108.88	3781988.78	5.74151
402128.88	3781988.78	5.83300	402148.88	3781988.78	6.07603
402168.88	3781988.78	6.82457	402188.88	3781988.78	6.64908
402208.88	3781988.78	6.26463	402228.88	3781988.78	6.00875
402248.88	3781988.78	5.72386	402268.88	3781988.78	5.44721
402288.88	3781988.78	5.18399	402308.88	3781988.78	4.77550
402328.88	3781988.78	4.29667	402348.88	3781988.78	4.20807
402368.88	3781988.78	4.04086	402388.88	3781988.78	4.04120
402408.88	3781988.78	4.47163	402428.88	3781988.78	4.37852
402448.88	3781988.78	4.23553	402468.88	3781988.78	4.13076

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         402488.88    3781988.78        4.02116                       402508.88
3781988.78        3.91816
         401308.88    3782008.78        1.23327                       401328.88
3782008.78        1.28225
         401348.88    3782008.78        1.33948                       401368.88
3782008.78        1.38423
         401388.88    3782008.78        1.43505                       401408.88
3782008.78        1.50417
         401428.88    3782008.78        1.60975                       401448.88
3782008.78        1.68449
         401468.88    3782008.78        1.73369                       401488.88
3782008.78        1.99986
         401508.88    3782008.78        2.44263                       401528.88
3782008.78        2.50086
         401548.88    3782008.78        2.62230                       401568.88
3782008.78        2.80458
         401588.88    3782008.78        3.01746                       401608.88
3782008.78        3.25210
         401628.88    3782008.78        3.27159                       401648.88
3782008.78        3.04499
         401668.88    3782008.78        2.89207                       401688.88
3782008.78        2.97269
         401708.88    3782008.78        3.17115                       401728.88
3782008.78        3.58103
         401748.88    3782008.78        3.77253                       401768.88
3782008.78        3.79327
         401788.88    3782008.78        4.00739                       401808.88
3782008.78        4.72419
         401828.88    3782008.78        5.31010                       401848.88
3782008.78        5.40871
         401868.88    3782008.78        4.91431                       401888.88
3782008.78        4.71939
         401908.88    3782008.78        4.68178                       401928.88
3782008.78        4.80619
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 160
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401948.88	3782008.78	4.74600	401968.88	3782008.78	4.71956
401988.88	3782008.78	4.74072	402008.88	3782008.78	4.69708
402028.88	3782008.78	4.72352	402048.88	3782008.78	4.82801
402068.88	3782008.78	4.96792	402088.88	3782008.78	5.07397
402108.88	3782008.78	5.00415	402128.88	3782008.78	4.98317
402148.88	3782008.78	5.75688	402168.88	3782008.78	5.96403
402188.88	3782008.78	5.94521	402208.88	3782008.78	5.55916
402228.88	3782008.78	5.34735	402248.88	3782008.78	5.10216
402268.88	3782008.78	4.63537	402288.88	3782008.78	4.39860
402308.88	3782008.78	3.95027	402328.88	3782008.78	3.79188
402348.88	3782008.78	3.75958	402368.88	3782008.78	3.55351
402388.88	3782008.78	3.68164	402408.88	3782008.78	3.94745
402428.88	3782008.78	3.81327	402448.88	3782008.78	3.74508
402468.88	3782008.78	3.80953	402488.88	3782008.78	3.62562
402508.88	3782008.78	3.55443	401308.88	3782028.78	1.17992
401328.88	3782028.78	1.22200	401348.88	3782028.78	1.25470
401368.88	3782028.78	1.26396	401388.88	3782028.78	1.26446
401408.88	3782028.78	1.32998	401428.88	3782028.78	1.47179
401448.88	3782028.78	1.46157	401468.88		

3782028.78   1.59201
         401488.88   3782028.78   1.88660   401508.88
3782028.78   2.21369
         401528.88   3782028.78   2.21919   401548.88
3782028.78   2.35548
         401568.88   3782028.78   2.63463   401588.88
3782028.78   2.50108
         401608.88   3782028.78   2.41638   401628.88
3782028.78   2.29154
         401648.88   3782028.78   2.32378   401668.88
3782028.78   2.51342
         401688.88   3782028.78   2.67599   401708.88
3782028.78   2.88256
         401728.88   3782028.78   3.04157   401748.88
3782028.78   3.12015
         401768.88   3782028.78   3.06851   401788.88
3782028.78   3.21547
         401808.88   3782028.78   3.58872   401828.88
3782028.78   3.97345
         401848.88   3782028.78   4.07805   401868.88
3782028.78   3.92703
         401888.88   3782028.78   3.85940   401908.88
3782028.78   3.91818
         401928.88   3782028.78   3.79951   401948.88
3782028.78   3.65737
         401968.88   3782028.78   3.58796   401988.88
3782028.78   3.56117
         402008.88   3782028.78   3.60936   402028.88
3782028.78   3.68842
         402048.88   3782028.78   3.81474   402068.88
3782028.78   4.00231
         402088.88   3782028.78   4.08776   402108.88
3782028.78   4.11834
         402128.88   3782028.78   4.26708   402148.88
3782028.78   5.09703
         402168.88   3782028.78   5.25282   402188.88
3782028.78   5.14601
         402208.88   3782028.78   4.78873   402228.88
3782028.78   4.69969
         402248.88   3782028.78   4.40051   402268.88
3782028.78   4.18773
         402288.88   3782028.78   3.52894   402308.88
3782028.78   3.24671

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402328.88	3782028.78	3.13863	402348.88	3782028.78	3.26892
402368.88	3782028.78	3.21384	402388.88	3782028.78	3.40764
402408.88	3782028.78	3.48238	402428.88	3782028.78	3.45204
402448.88	3782028.78	3.39543	402468.88	3782028.78	3.42438
402488.88	3782028.78	3.36861	402508.88	3782028.78	3.15705
401308.88	3782048.78	1.08056	401328.88	3782048.78	1.10626
401348.88	3782048.78	1.10130	401368.88	3782048.78	1.14334
401388.88	3782048.78	1.18848	401408.88	3782048.78	1.27927
401428.88	3782048.78	1.33323	401448.88	3782048.78	1.37711
401468.88	3782048.78	1.44860	401488.88	3782048.78	1.75577
401508.88	3782048.78	2.14798	401528.88	3782048.78	2.05926
401548.88	3782048.78	2.12095	401568.88	3782048.78	2.14316
401588.88	3782048.78	2.21287	401608.88	3782048.78	1.94067
401628.88	3782048.78	2.03709	401648.88	3782048.78	2.16952

401668.88 3782048.78 2.30738 401688.88
3782048.78 2.41125
401708.88 3782048.78 2.39736 401728.88
3782048.78 2.57077
401748.88 3782048.78 2.52809 401768.88
3782048.78 2.69480
401788.88 3782048.78 2.78777 401808.88
3782048.78 2.99460
401828.88 3782048.78 3.12147 401848.88
3782048.78 3.07588
401868.88 3782048.78 3.05385 401888.88
3782048.78 3.01077
401908.88 3782048.78 3.12409 401928.88
3782048.78 3.14827
401948.88 3782048.78 3.03279 401968.88
3782048.78 2.98434
401988.88 3782048.78 2.96958 402008.88
3782048.78 3.00204
402028.88 3782048.78 3.09660 402048.88
3782048.78 3.15550
402068.88 3782048.78 3.24316 402088.88
3782048.78 3.34159
402108.88 3782048.78 3.44750 402128.88
3782048.78 3.64622
402148.88 3782048.78 4.47770 402168.88
3782048.78 4.75197
402188.88 3782048.78 4.15235 402208.88
3782048.78 3.54916
402228.88 3782048.78 3.91671 402248.88
3782048.78 3.90090
402268.88 3782048.78 3.54258 402288.88
3782048.78 2.99901
402308.88 3782048.78 2.77313 402328.88
3782048.78 2.75467
402348.88 3782048.78 2.77563 402368.88
3782048.78 2.76551
402388.88 3782048.78 2.81817 402408.88
3782048.78 3.00584
402428.88 3782048.78 3.04042 402448.88
3782048.78 2.91875
402468.88 3782048.78 2.97092 402488.88
3782048.78 2.89516
402508.88 3782048.78 2.83205 401308.88
3782068.78 0.98842
401328.88 3782068.78 1.00327 401348.88
3782068.78 1.03362
401368.88 3782068.78 1.06915 401388.88
3782068.78 1.12674
401408.88 3782068.78 1.17933 401428.88
3782068.78 1.18944

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401488.88	3782068.78	1.62023	401508.88	3782068.78	1.63864
401528.88	3782068.78	1.67849	401548.88	3782068.78	1.87984
401568.88	3782068.78	1.84218	401588.88	3782068.78	1.90166
401608.88	3782068.78	1.82968	401628.88	3782068.78	1.92702
401648.88	3782068.78	2.01997	401668.88	3782068.78	2.06301
401688.88	3782068.78	2.14629	401708.88	3782068.78	2.16408
401728.88	3782068.78	2.13420	401748.88	3782068.78	2.25182
401768.88	3782068.78	2.37839	401788.88	3782068.78	2.41591
401808.88	3782068.78	2.36517	401828.88	3782068.78	2.51748
401848.88	3782068.78	2.33425	401868.88		

3782068.78 2.37696
401888.88 3782068.78 2.41951 401908.88
3782068.78 2.40402
401928.88 3782068.78 2.37960 401948.88
3782068.78 2.36461
401968.88 3782068.78 2.41131 401988.88
3782068.78 2.50436
402008.88 3782068.78 2.61514 402028.88
3782068.78 2.71203
402048.88 3782068.78 2.84387 402068.88
3782068.78 2.94985
402088.88 3782068.78 3.01151 402108.88
3782068.78 3.08572
402128.88 3782068.78 3.15178 402148.88
3782068.78 3.85494
402168.88 3782068.78 4.14822 402188.88
3782068.78 3.13483
402208.88 3782068.78 2.65183 402228.88
3782068.78 2.71756
402248.88 3782068.78 3.16814 402268.88
3782068.78 3.09683
402288.88 3782068.78 2.64541 402308.88
3782068.78 2.44824
402328.88 3782068.78 2.37991 402348.88
3782068.78 2.36606
402368.88 3782068.78 2.37960 402388.88
3782068.78 2.41105
402408.88 3782068.78 2.50248 402428.88
3782068.78 2.57349
402448.88 3782068.78 2.54347 402468.88
3782068.78 2.83610
402488.88 3782068.78 2.79405 402508.88
3782068.78 2.55667
401308.88 3782088.78 0.93156 401328.88
3782088.78 0.95773
401348.88 3782088.78 0.99023 401368.88
3782088.78 1.02030
401388.88 3782088.78 1.04078 401408.88
3782088.78 1.05539
401428.88 3782088.78 1.10964 401448.88
3782088.78 1.10699
401468.88 3782088.78 1.28370 401488.88
3782088.78 1.47379
401508.88 3782088.78 1.51863 401528.88
3782088.78 1.58480
401548.88 3782088.78 1.68992 401568.88
3782088.78 1.66502
401588.88 3782088.78 1.71516 401608.88
3782088.78 1.66892
401628.88 3782088.78 1.72800 401648.88

3782088.78 1.82882
  401668.88 3782088.78 1.85518 401688.88 3782088.78 1.84829
  401708.88 3782088.78 1.80666 401728.88 3782088.78 1.77443
  401748.88 3782088.78 2.00293 401768.88 3782088.78 2.24089
  401788.88 3782088.78 2.14067 401808.88 3782088.78 1.95298
  401828.88 3782088.78 1.98312 401848.88 3782088.78 1.91447

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401868.88	3782088.78	1.88149	401888.88	3782088.78	1.95338
401908.88	3782088.78	1.86634	401928.88	3782088.78	1.85556
401948.88	3782088.78	1.88813	401968.88	3782088.78	2.05063
401988.88	3782088.78	2.23650	402008.88	3782088.78	2.24536
402028.88	3782088.78	2.24499	402048.88	3782088.78	2.39883

402068.88 3782088.78 2.45136 402088.88
3782088.78 2.53729
402108.88 3782088.78 2.50272 402128.88
3782088.78 2.55608
402148.88 3782088.78 3.04654 402168.88
3782088.78 3.48583
402188.88 3782088.78 3.14645 402208.88
3782088.78 2.24161
402228.88 3782088.78 2.16323 402248.88
3782088.78 2.32066
402268.88 3782088.78 2.37525 402288.88
3782088.78 2.32829
402308.88 3782088.78 2.16971 402328.88
3782088.78 2.07703
402348.88 3782088.78 2.04833 402368.88
3782088.78 2.06893
402388.88 3782088.78 2.10743 402408.88
3782088.78 2.16545
402428.88 3782088.78 2.29400 402448.88
3782088.78 2.32466
402468.88 3782088.78 2.58977 402488.88
3782088.78 2.41735
402508.88 3782088.78 2.21101 401308.88
3782108.78 0.89347
401328.88 3782108.78 0.92216 401348.88
3782108.78 0.94890
401368.88 3782108.78 0.95284 401388.88
3782108.78 0.96634
401408.88 3782108.78 0.97683 401428.88
3782108.78 0.98484
401448.88 3782108.78 0.99917 401468.88
3782108.78 1.11123
401488.88 3782108.78 1.29723 401508.88
3782108.78 1.26547
401528.88 3782108.78 1.35171 401548.88
3782108.78 1.33123
401568.88 3782108.78 1.30811 401588.88
3782108.78 1.33957
401608.88 3782108.78 1.39487 401628.88
3782108.78 1.43648
401648.88 3782108.78 1.46440 401668.88
3782108.78 1.49909
401688.88 3782108.78 1.47573 401708.88
3782108.78 1.45517
401728.88 3782108.78 1.46931 401748.88
3782108.78 1.61828
401768.88 3782108.78 1.73982 401788.88
3782108.78 1.86132
401808.88 3782108.78 1.62582 401828.88
3782108.78 1.55477

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         401848.88    3782108.78        1.56339                      401868.88
3782108.78        1.53809
         401888.88    3782108.78        1.59501                      401908.88
3782108.78        1.55223
         401928.88    3782108.78        1.55939                      401948.88
3782108.78        1.63520
         401968.88    3782108.78        1.81642                      401988.88
3782108.78        1.97016
         402008.88    3782108.78        1.81819                      402028.88
3782108.78        1.89057
         402048.88    3782108.78        2.08029                      402068.88
3782108.78        2.12414
         402088.88    3782108.78        2.12346                      402108.88
3782108.78        2.14341
         402128.88    3782108.78        2.20587                      402148.88
3782108.78        2.26946
         402168.88    3782108.78        2.73572                      402188.88
3782108.78        3.10939
         402208.88    3782108.78        2.15399                      402228.88
3782108.78        1.85203
♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 164
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         402248.88    3782108.78        1.87234                      402268.88
```

3782108.78 1.89999
402288.88 3782108.78 1.91327 402308.88
3782108.78 1.88002
402328.88 3782108.78 1.85226 402348.88
3782108.78 1.80861
402368.88 3782108.78 1.81412 402388.88
3782108.78 1.85141
402408.88 3782108.78 1.90524 402428.88
3782108.78 1.98337
402448.88 3782108.78 2.04903 402468.88
3782108.78 2.14267
402488.88 3782108.78 2.00216 402508.88
3782108.78 1.97214
401308.88 3782128.78 0.85378 401328.88
3782128.78 0.87466
401348.88 3782128.78 0.88557 401368.88
3782128.78 0.88755
401388.88 3782128.78 0.89559 401408.88
3782128.78 0.90334
401428.88 3782128.78 0.92708 401448.88
3782128.78 0.91771
401468.88 3782128.78 0.97557 401488.88
3782128.78 1.02248
401508.88 3782128.78 1.02502 401528.88
3782128.78 1.10064
401548.88 3782128.78 1.06973 401568.88
3782128.78 1.06762
401588.88 3782128.78 1.11442 401608.88
3782128.78 1.14541
401628.88 3782128.78 1.19061 401648.88
3782128.78 1.25870
401668.88 3782128.78 1.25924 401688.88
3782128.78 1.22219
401708.88 3782128.78 1.23661 401728.88
3782128.78 1.23974
401748.88 3782128.78 1.36697 401768.88
3782128.78 1.49039
401788.88 3782128.78 1.62127 401808.88
3782128.78 1.42489
401828.88 3782128.78 1.32112 401848.88
3782128.78 1.33491
401868.88 3782128.78 1.32437 401888.88
3782128.78 1.34458
401908.88 3782128.78 1.34191 401928.88
3782128.78 1.38884
401948.88 3782128.78 1.47047 401968.88
3782128.78 1.66619
401988.88 3782128.78 1.66393 402008.88
3782128.78 1.53941
402028.88 3782128.78 1.60898 402048.88

3782128.78   1.76282
         402068.88   3782128.78   1.87223   402088.88
3782128.78   1.84029
         402108.88   3782128.78   1.86108   402128.88
3782128.78   1.91633
         402148.88   3782128.78   1.94403   402168.88
3782128.78   2.15634
         402188.88   3782128.78   2.70994   402208.88
3782128.78   1.90342
         402228.88   3782128.78   1.65601   402248.88
3782128.78   1.59704
         402268.88   3782128.78   1.61989   402288.88
3782128.78   1.62095
         402308.88   3782128.78   1.62039   402328.88
3782128.78   1.61283
         402348.88   3782128.78   1.60450   402368.88
3782128.78   1.60856
         402388.88   3782128.78   1.64668   402408.88
3782128.78   1.70116
         402428.88   3782128.78   1.77361   402448.88
3782128.78   1.84698
         402468.88   3782128.78   1.82213   402488.88
3782128.78   1.76390
         402508.88   3782128.78   1.75232   401308.88
3782148.78   0.76301
         401328.88   3782148.78   0.80950   401348.88
3782148.78   0.82078
         401368.88   3782148.78   0.82448   401388.88
3782148.78   0.83369

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                                       L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                                       L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                                       L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401408.88	3782148.78	0.84494	401428.88	3782148.78	0.83856
401448.88	3782148.78	0.84118	401468.88	3782148.78	0.86559
401488.88	3782148.78	0.83536	401508.88	3782148.78	0.85779
401528.88	3782148.78	0.90595	401548.88	3782148.78	0.90559
401568.88	3782148.78	0.90708	401588.88	3782148.78	0.94987
401608.88	3782148.78	0.97431	401628.88	3782148.78	1.01386
401648.88	3782148.78	1.06213	401668.88	3782148.78	1.09183
401688.88	3782148.78	1.04411	401708.88	3782148.78	1.06031
401728.88	3782148.78	1.08645	401748.88	3782148.78	1.17099
401768.88	3782148.78	1.23997	401788.88	3782148.78	1.36167
401808.88	3782148.78	1.23942	401828.88	3782148.78	1.18299
401848.88	3782148.78	1.16653	401868.88	3782148.78	1.16373
401888.88	3782148.78	1.17409	401908.88	3782148.78	1.20966
401928.88	3782148.78	1.28257	401948.88	3782148.78	1.39890
401968.88	3782148.78	1.45863	401988.88	3782148.78	1.36107
402008.88	3782148.78	1.32265	402028.88	3782148.78	1.37224
402048.88	3782148.78	1.51060	402068.88	3782148.78	1.56998
402088.88	3782148.78	1.61788	402108.88	3782148.78	1.63082
402128.88	3782148.78	1.66826	402148.88	3782148.78	1.69845
402168.88	3782148.78	1.90204	402188.88	3782148.78	2.34390
402208.88	3782148.78	1.80408	402228.88	3782148.78	1.48927

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         402248.88    3782148.78        1.41494                      402268.88
3782148.78        1.40751
         402288.88    3782148.78        1.40835                      402308.88
3782148.78        1.40575
         402328.88    3782148.78        1.40995                      402348.88
3782148.78        1.41598
         402368.88    3782148.78        1.43643                      402388.88
3782148.78        1.47834
         402408.88    3782148.78        1.52559                      402428.88
3782148.78        1.56449
         402448.88    3782148.78        1.66078                      402468.88
3782148.78        1.65080
         402488.88    3782148.78        1.58827                      402508.88
3782148.78        1.56883
         401308.88    3782168.78        0.73221                      401328.88
3782168.78        0.73816
         401348.88    3782168.78        0.72854                      401368.88
3782168.78        0.74597
         401388.88    3782168.78        0.77074                      401408.88
3782168.78        0.78601
         401428.88    3782168.78        0.78788                      401448.88
3782168.78        0.82138
         401468.88    3782168.78        0.85095                      401488.88
3782168.78        0.78551
         401508.88    3782168.78        0.76777                      401528.88
3782168.78        0.78767
         401548.88    3782168.78        0.80088                      401568.88
3782168.78        0.80343
         401588.88    3782168.78        0.83287                      401608.88
3782168.78        0.85269
         401628.88    3782168.78        0.88023                      401648.88
3782168.78        0.91293
         401668.88    3782168.78        0.95199                      401688.88
3782168.78        0.92670
         401708.88    3782168.78        0.94078                      401728.88
3782168.78        0.97079
         401748.88    3782168.78        1.02755                      401768.88
3782168.78        1.07774
♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 166
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401788.88	3782168.78	1.18667	401808.88	3782168.78	1.10310
401828.88	3782168.78	1.06572	401848.88	3782168.78	1.04881
401868.88	3782168.78	1.04753	401888.88	3782168.78	1.06781
401908.88	3782168.78	1.10879	401928.88	3782168.78	1.18717
401948.88	3782168.78	1.32066	401968.88	3782168.78	1.23409
401988.88	3782168.78	1.16712	402008.88	3782168.78	1.15808
402028.88	3782168.78	1.21212	402048.88	3782168.78	1.26276
402068.88	3782168.78	1.32309	402088.88	3782168.78	1.43423
402108.88	3782168.78	1.43641	402128.88	3782168.78	1.46720
402148.88	3782168.78	1.59307	402168.88	3782168.78	2.02918
402188.88	3782168.78	1.98920	402208.88	3782168.78	1.71392
402228.88	3782168.78	1.38765	402248.88	3782168.78	1.31241
402268.88	3782168.78	1.27754	402288.88	3782168.78	1.26300
402308.88	3782168.78	1.25767	402328.88	3782168.78	1.25808
402348.88	3782168.78	1.26351	402368.88	3782168.78	1.28472
402388.88	3782168.78	1.31992	402408.88	3782168.78	1.34869
402428.88	3782168.78	1.40778	402448.88		

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3782168.78        1.49964
         402468.88    3782168.78        1.51335                    402488.88
3782168.78        1.44288
         402508.88    3782168.78        1.41668                    401308.88
3782188.78        0.68623
         401328.88    3782188.78        0.64829                    401348.88
3782188.78        0.67435
         401368.88    3782188.78        0.66466                    401388.88
3782188.78        0.68764
         401408.88    3782188.78        0.71164                    401428.88
3782188.78        0.73022
         401448.88    3782188.78        0.76360                    401468.88
3782188.78        0.79550
         401488.88    3782188.78        0.78299                    401508.88
3782188.78        0.72475
         401528.88    3782188.78        0.70874                    401548.88
3782188.78        0.72195
         401568.88    3782188.78        0.72726                    401588.88
3782188.78        0.74909
         401608.88    3782188.78        0.76698                    401628.88
3782188.78        0.78126
         401648.88    3782188.78        0.79983                    401668.88
3782188.78        0.83477
         401688.88    3782188.78        0.83874                    401708.88
3782188.78        0.84969
         401728.88    3782188.78        0.88089                    401748.88
3782188.78        0.91912
         401768.88    3782188.78        0.96694                    401788.88
3782188.78        1.03442
         401808.88    3782188.78        0.99546                    401828.88
3782188.78        0.96615
         401848.88    3782188.78        0.95750                    401868.88
3782188.78        0.95799
         401888.88    3782188.78        0.97944                    401908.88
3782188.78        1.01137
         401928.88    3782188.78        1.06085                    401948.88
3782188.78        1.16279
         401968.88    3782188.78        1.10313                    401988.88
3782188.78        1.04314
         402008.88    3782188.78        1.03150                    402028.88
3782188.78        1.06044
         402048.88    3782188.78        1.09295                    402068.88
3782188.78        1.18910
         402088.88    3782188.78        1.27294                    402108.88
3782188.78        1.24626
         402128.88    3782188.78        1.28349                    402148.88
3782188.78        1.47322
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402168.88	3782188.78	1.80297	402188.88	3782188.78	1.65088
402208.88	3782188.78	1.42965	402228.88	3782188.78	1.30693
402248.88	3782188.78	1.23825	402268.88	3782188.78	1.19380
402288.88	3782188.78	1.17327	402308.88	3782188.78	1.15091
402328.88	3782188.78	1.14286	402348.88	3782188.78	1.13907
402368.88	3782188.78	1.15267	402388.88	3782188.78	1.17799
402408.88	3782188.78	1.21247	402428.88	3782188.78	1.27340
402448.88	3782188.78	1.33038	402468.88	3782188.78	1.36648
402488.88	3782188.78	1.30338	402508.88	3782188.78	1.28245
401308.88	3782208.78	0.60924	401328.88	3782208.78	0.61211
401348.88	3782208.78	0.60509	401368.88	3782208.78	0.61269
401388.88	3782208.78	0.61344	401408.88	3782208.78	0.62953

401428.88 3782208.78 0.65153 401448.88
3782208.78 0.66547
401468.88 3782208.78 0.69109 401488.88
3782208.78 0.73608
401508.88 3782208.78 0.69979 401528.88
3782208.78 0.66898
401548.88 3782208.78 0.66297 401568.88
3782208.78 0.66940
401588.88 3782208.78 0.68656 401608.88
3782208.78 0.69910
401628.88 3782208.78 0.71601 401648.88
3782208.78 0.73192
401668.88 3782208.78 0.76094 401688.88
3782208.78 0.76768
401708.88 3782208.78 0.77949 401728.88
3782208.78 0.80388
401748.88 3782208.78 0.83854 401768.88
3782208.78 0.88665
401788.88 3782208.78 0.92678 401808.88
3782208.78 0.89853
401828.88 3782208.78 0.88159 401848.88
3782208.78 0.87427
401868.88 3782208.78 0.87837 401888.88
3782208.78 0.89405
401908.88 3782208.78 0.92563 401928.88
3782208.78 0.97609
401948.88 3782208.78 1.04952 401968.88
3782208.78 0.98544
401988.88 3782208.78 0.93804 402008.88
3782208.78 0.92928
402028.88 3782208.78 0.96024 402048.88
3782208.78 1.01741
402068.88 3782208.78 1.10526 402088.88
3782208.78 1.09353
402108.88 3782208.78 1.09521 402128.88
3782208.78 1.19474
402148.88 3782208.78 1.29707 402168.88
3782208.78 1.42011
402188.88 3782208.78 1.61824 402208.88
3782208.78 1.30457
402228.88 3782208.78 1.23694 402248.88
3782208.78 1.17016
402268.88 3782208.78 1.10396 402288.88
3782208.78 1.06625
402308.88 3782208.78 1.04899 402328.88
3782208.78 1.03931
402348.88 3782208.78 1.03679 402368.88
3782208.78 1.04243
402388.88 3782208.78 1.06707 402408.88
3782208.78 1.09911

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***

INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
399067.96	3778941.97	0.11440	399349.76	3778941.97	0.12622
399631.56	3778941.97	0.13999	399913.36	3778941.97	0.15616
400195.16	3778941.97	0.17528	400476.96	3778941.97	0.19815
400758.76	3778941.97	0.22576	401040.56	3778941.97	0.25956
401322.36	3778941.97	0.30116	401604.16	3778941.97	0.35294
401885.96	3778941.97	0.42121	402167.76	3778941.97	0.51457
402449.56	3778941.97	0.63922	402731.36	3778941.97	0.76648
403013.16	3778941.97	0.77468	403294.96	3778941.97	0.64889
403576.76	3778941.97	0.51700	403858.56	3778941.97	0.41935
404140.36	3778941.97	0.34200	404422.16	3778941.97	0.29035
404703.96	3778941.97	0.24959	399067.96	3779205.53	0.11809
399349.76	3779205.53	0.13102	399631.56	3779205.53	0.14619
399913.36	3779205.53	0.16399	400195.16	3779205.53	0.18549

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         400476.96    3779205.53        0.21165                    400758.76
3779205.53        0.24391
         401040.56    3779205.53        0.28450                    401322.36
3779205.53        0.33673
         401604.16    3779205.53        0.40724                    401885.96
3779205.53        0.50707
         402167.76    3779205.53        0.66244                    402449.56
3779205.53        0.94126
         402731.36    3779205.53        1.55339                    403013.16
3779205.53        1.67503
         403294.96    3779205.53        0.99713                    403576.76
3779205.53        0.68693
         403858.56    3779205.53        0.51495                    404140.36
3779205.53        0.40500
         404422.16    3779205.53        0.33061                    404703.96
3779205.53        0.27807
         399067.96    3779469.09        0.12115                    399349.76
3779469.09        0.13521
         399631.56    3779469.09        0.15173                    399913.36
3779469.09        0.17094
         400195.16    3779469.09        0.19471                    400476.96
3779469.09        0.22412
         400758.76    3779469.09        0.26096                    401040.56
3779469.09        0.30670
         401322.36    3779469.09        0.36877                    401604.16
3779469.09        0.45527
         401885.96    3779469.09        0.58273                    402167.76
3779469.09        0.80247
         402449.56    3779469.09        1.27842                    402731.36
3779469.09        3.34545
         403013.16    3779469.09        5.37345                    403294.96
3779469.09        1.54721
         403576.76    3779469.09        0.89640                    403858.56
3779469.09        0.62459
         404140.36    3779469.09        0.47186                    404422.16
3779469.09        0.37256
         404703.96    3779469.09        0.30702                    399067.96
3779732.65        0.12353
         399349.76    3779732.65        0.13848                    399631.56
3779732.65        0.15603
         399913.36    3779732.65        0.17671                    400195.16
3779732.65        0.20265
         400476.96    3779732.65        0.23509                    400758.76
3779732.65        0.27067
         401040.56    3779732.65        0.32328                    401322.36
3779732.65        0.39381
         401604.16    3779732.65        0.49004                    401885.96
3779732.65        0.63256
         402167.76    3779732.65        0.88091                    402449.56
3779732.65        1.42816
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
  L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
  L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
  L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402731.36	3779732.65	3.63306	403013.16	3779732.65	7.20274
403294.96	3779732.65	2.00900	403576.76	3779732.65	1.10467
403858.56	3779732.65	0.73443	404140.36	3779732.65	0.53348
404422.16	3779732.65	0.41624	404703.96	3779732.65	0.33548
399067.96	3779996.21	0.12518	399349.76	3779996.21	0.14077
399631.56	3779996.21	0.15928	399913.36	3779996.21	0.18135
400195.16	3779996.21	0.20882	400476.96	3779996.21	0.24282
400758.76	3779996.21	0.27778	401040.56	3779996.21	0.33535
401322.36	3779996.21	0.41034	401604.16	3779996.21	0.51031
401885.96	3779996.21	0.65754	402167.76	3779996.21	0.90714
402449.56	3779996.21	1.47643	402731.36		

3779996.21 3.48438
403013.16 3779996.21 8.61729 403294.96
3779996.21 2.27955
403576.76 3779996.21 1.25767 403858.56
3779996.21 0.82293
404140.36 3779996.21 0.59289 404422.16
3779996.21 0.45400
404703.96 3779996.21 0.36189 399067.96
3780259.77 0.12588
399349.76 3780259.77 0.14237 399631.56
3780259.77 0.16142
399913.36 3780259.77 0.18443 400195.16
3780259.77 0.21214
400476.96 3780259.77 0.23815 400758.76
3780259.77 0.28213
401040.56 3780259.77 0.34189 401322.36
3780259.77 0.41953
401604.16 3780259.77 0.52466 401885.96
3780259.77 0.67676
402167.76 3780259.77 0.93153 402449.56
3780259.77 1.45757
402731.36 3780259.77 3.25149 403013.16
3780259.77 10.49194
403294.96 3780259.77 2.43603 403576.76
3780259.77 1.35101
403858.56 3780259.77 0.89039 404140.36
3780259.77 0.63689
404422.16 3780259.77 0.48471 404703.96
3780259.77 0.38421
399067.96 3780523.33 0.12563 399349.76
3780523.33 0.14258
399631.56 3780523.33 0.16259 399913.36
3780523.33 0.18564
400195.16 3780523.33 0.21082 400476.96
3780523.33 0.24610
400758.76 3780523.33 0.28216 401040.56
3780523.33 0.34335
401322.36 3780523.33 0.42557 401604.16
3780523.33 0.53591
401885.96 3780523.33 0.69493 402167.76
3780523.33 0.94848
402449.56 3780523.33 1.43137 402731.36
3780523.33 2.97918
403013.16 3780523.33 13.43776 403294.96
3780523.33 2.56121
403576.76 3780523.33 1.40597 403858.56
3780523.33 0.93131
404140.36 3780523.33 0.66672 404422.16
3780523.33 0.50423
404703.96 3780523.33 0.39851 399067.96

3780786.89   0.12482
        399349.76   3780786.89   0.14154   399631.56
3780786.89   0.16554
        399913.36   3780786.89   0.18598   400195.16
3780786.89   0.21080
        400476.96   3780786.89   0.24043   400758.76
3780786.89   0.28001
        401040.56   3780786.89   0.34341   401322.36
3780786.89   0.43112
        401604.16   3780786.89   0.55788   401885.96
3780786.89   0.74076
        402167.76   3780786.89   1.01084   402449.56
3780786.89   1.44909

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***

INCLUDING SOURCE(S):   L0000894   , L0000895   , L0000896   , L0000897   , L0000898   ,
L0000899   , L0000900   , L0000901   , L0000902   , L0000903   , L0000904   , L0000905   , L0000906   ,
L0000907   , L0000908   , L0000909   , L0000910   , L0000911   , L0000912   , L0000913   , L0000914   ,
L0000915   , L0000916   , L0000917   , L0000918   , L0000919   , L0000920   , L0000921   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402731.36	3780786.89	2.81215	403013.16	3780786.89	18.14586
403294.96	3780786.89	2.66317	403576.76	3780786.89	1.43080
403858.56	3780786.89	0.94364	404140.36	3780786.89	0.67766
404422.16	3780786.89	0.51402	404703.96	3780786.89	0.41712

```
         399067.96    3781050.45        0.12260                    399349.76
3781050.45        0.13897
         399631.56    3781050.45        0.15942                    399913.36
3781050.45        0.18640
         400195.16    3781050.45        0.20765                    400476.96
3781050.45        0.23461
         400758.76    3781050.45        0.27570                    401040.56
3781050.45        0.34198
         401322.36    3781050.45        0.44360                    401604.16
3781050.45        0.60472
         401885.96    3781050.45        0.85443                    402167.76
3781050.45        1.20128
         402449.56    3781050.45        1.65233                    402731.36
3781050.45        2.82748
         403013.16    3781050.45       28.43480                    403294.96
3781050.45        2.71717
         403576.76    3781050.45        1.41691                    403858.56
3781050.45        0.92541
         404140.36    3781050.45        0.66836                    404422.16
3781050.45        0.51322
         404703.96    3781050.45        0.42570                    399067.96
3781314.01        0.11886
         399349.76    3781314.01        0.13721                    399631.56
3781314.01        0.15552
         399913.36    3781314.01        0.17102                    400195.16
3781314.01        0.18456
         400476.96    3781314.01        0.22601                    400758.76
3781314.01        0.26751
         401040.56    3781314.01        0.33515                    401322.36
3781314.01        0.45306
         401604.16    3781314.01        0.67737                    401885.96
3781314.01        1.13396
         402167.76    3781314.01        1.94145                    402449.56
3781314.01        2.62003
         402731.36    3781314.01        3.42766                    403013.16
3781314.01       42.81826
         403294.96    3781314.01        2.70220                    403576.76
3781314.01        1.34636
         403858.56    3781314.01        0.87532                    404140.36
3781314.01        0.63725
         404422.16    3781314.01        0.50460                    404703.96
3781314.01        0.42551
         399067.96    3781577.57        0.11766                    399349.76
3781577.57        0.13499
         399631.56    3781577.57        0.14553                    399913.36
3781577.57        0.15280
         400195.16    3781577.57        0.17322                    400476.96
3781577.57        0.20780
         400758.76    3781577.57        0.25634                    401040.56
3781577.57        0.29450
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         401322.36    3781577.57        0.39662                      401604.16
3781577.57        0.69041
         401885.96    3781577.57        1.65647                      402167.76
3781577.57       15.79050
         402449.56    3781577.57       44.27617                      402731.36
3781577.57       48.43046
         403013.16    3781577.57       48.88252                      403294.96
3781577.57        2.36305
         403576.76    3781577.57        1.18052                      403858.56
3781577.57        0.83204
         404140.36    3781577.57        0.59097                      404422.16
3781577.57        0.50471
         404703.96    3781577.57        0.42163                      399067.96
3781841.13        0.11452
         399349.76    3781841.13        0.12539                      399631.56
3781841.13        0.12291
         399913.36    3781841.13        0.14320                      400195.16
3781841.13        0.15180
         400476.96    3781841.13        0.17031                      400758.76
3781841.13        0.24109
         401040.56    3781841.13        0.21610                      401322.36
3781841.13        0.26834
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
401604.16 3781841.13 0.41637 402167.76
3781841.13 2.09242
402449.56 3781841.13 1.60582 402731.36
3781841.13 1.82755
403013.16 3781841.13 1.31071 403294.96
3781841.13 1.08148
403576.76 3781841.13 0.96222 403858.56
3781841.13 0.65147
404140.36 3781841.13 0.53569 404422.16
3781841.13 0.52804
404703.96 3781841.13 0.43894 399067.96
3782104.69 0.10929
399349.76 3782104.69 0.11383 399631.56
3782104.69 0.10625
399913.36 3782104.69 0.10922 400195.16
3782104.69 0.11436
400476.96 3782104.69 0.12250 400758.76
3782104.69 0.16834
401040.56 3782104.69 0.15287 401322.36
3782104.69 0.16559
401604.16 3782104.69 0.20572 401885.96
3782104.69 0.23437
402167.76 3782104.69 0.38212 402449.56
3782104.69 0.36454
402731.36 3782104.69 0.38614 403013.16
3782104.69 0.40430
403294.96 3782104.69 0.43492 403576.76
3782104.69 0.45085
403858.56 3782104.69 0.49032 404140.36
3782104.69 0.41776
404422.16 3782104.69 0.37765 404703.96
3782104.69 0.34129
399067.96 3782368.25 0.10235 399349.76
3782368.25 0.10469
399631.56 3782368.25 0.08624 399913.36
3782368.25 0.08525
400195.16 3782368.25 0.09210 400476.96
3782368.25 0.08844
400758.76 3782368.25 0.10248 401040.56
3782368.25 0.09823
401322.36 3782368.25 0.11645 401604.16
3782368.25 0.12474
401885.96 3782368.25 0.14123 402167.76
3782368.25 0.17320
402449.56 3782368.25 0.17717 402731.36
3782368.25 0.19080
403013.16 3782368.25 0.19599 403294.96
3782368.25 0.21338
403576.76 3782368.25 0.23017 403858.56

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3782368.25        0.26017
         404140.36    3782368.25        0.26088                        404422.16
3782368.25        0.26233
         404703.96    3782368.25        0.25933                        399067.96
3782631.81        0.09464
         399349.76    3782631.81        0.06412                        399631.56
3782631.81        0.07945
         399913.36    3782631.81        0.06112                        400195.16
3782631.81        0.06648
         400476.96    3782631.81        0.06889                        400758.76
3782631.81        0.07422
         401040.56    3782631.81        0.07576                        401322.36
3782631.81        0.08368
         401604.16    3782631.81        0.09292                        401885.96
3782631.81        0.10200
         402167.76    3782631.81        0.11226                        402449.56
3782631.81        0.11643
         402731.36    3782631.81        0.12344                        403013.16
3782631.81        0.12261
         403294.96    3782631.81        0.12823                        403576.76
3782631.81        0.14081
         403858.56    3782631.81        0.15232                        404140.36
3782631.81        0.15970
         404422.16    3782631.81        0.16636                        404703.96
3782631.81        0.17489
         399067.96    3782895.37        0.08493                        399349.76
3782895.37        0.07370
         399631.56    3782895.37        0.04836                        399913.36
3782895.37        0.05928
         400195.16    3782895.37        0.05395                        400476.96
3782895.37        0.05853
```


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                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                   INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
400758.76	3782895.37	0.05840	401040.56	3782895.37	0.06355
401322.36	3782895.37	0.06686	401604.16	3782895.37	0.07272
401885.96	3782895.37	0.07612	402167.76	3782895.37	0.08185
402449.56	3782895.37	0.08702	402731.36	3782895.37	0.09035
403013.16	3782895.37	0.08659	403294.96	3782895.37	0.09162
403576.76	3782895.37	0.09755	403858.56	3782895.37	0.10234
404140.36	3782895.37	0.10748	404422.16	3782895.37	0.11262
404703.96	3782895.37	0.11894	399067.96	3783158.93	0.06107
399349.76	3783158.93	0.04860	399631.56	3783158.93	0.04008
399913.36	3783158.93	0.04451	400195.16	3783158.93	0.04603
400476.96	3783158.93	0.04787	400758.76	3783158.93	0.05149
401040.56	3783158.93	0.05237	401322.36	3783158.93	0.05465
401604.16	3783158.93	0.05882	401885.96	3783158.93	0.06079
402167.76	3783158.93	0.06360	402449.56	3783158.93	0.06872
402731.36	3783158.93	0.06109	403013.16	3783158.93	0.04943
403294.96	3783158.93	0.07060	403576.76	3783158.93	0.07451
403858.56	3783158.93	0.07639	404140.36	3783158.93	0.07747
404422.16	3783158.93	0.08037	404703.96	3783158.93	0.08225
399067.96	3783422.49	0.03948	399349.76	3783422.49	0.03507
399631.56	3783422.49	0.03661	399913.36	3783422.49	0.03807

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         400195.16    3783422.49        0.03900                      400476.96
3783422.49        0.04107
         400758.76    3783422.49        0.04294                      401040.56
3783422.49        0.04432
         401322.36    3783422.49        0.04390                      401604.16
3783422.49        0.04847
         401885.96    3783422.49        0.05093                      402167.76
3783422.49        0.05189
         402449.56    3783422.49        0.05320                      402731.36
3783422.49        0.05433
         403013.16    3783422.49        0.03620                      403294.96
3783422.49        0.05616
         403576.76    3783422.49        0.05985                      403858.56
3783422.49        0.06167
         404140.36    3783422.49        0.06214                      404422.16
3783422.49        0.05331
         404703.96    3783422.49        0.05035                      399067.96
3783686.05        0.02984
         399349.76    3783686.05        0.03077                      399631.56
3783686.05        0.03163
         399913.36    3783686.05        0.03299                      400195.16
3783686.05        0.03424
         400476.96    3783686.05        0.03551                      400758.76
3783686.05        0.03694
         401040.56    3783686.05        0.03839                      401322.36
3783686.05        0.03644
         401604.16    3783686.05        0.03375                      401885.96
3783686.05        0.03206
         402167.76    3783686.05        0.03126                      402449.56
3783686.05        0.03237
         402731.36    3783686.05        0.02565                      403013.16
3783686.05        0.02021
         403294.96    3783686.05        0.03897                      403576.76
3783686.05        0.04834
         403858.56    3783686.05        0.05102                      404140.36
3783686.05        0.05146
         404422.16    3783686.05        0.04802                      404703.96
3783686.05        0.03228
         399067.96    3783949.61        0.02680                      399349.76
3783949.61        0.02744
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 174
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
```

INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
399631.56	3783949.61	0.02857	399913.36	3783949.61	0.02925
400195.16	3783949.61	0.02781	400476.96	3783949.61	0.02907
400758.76	3783949.61	0.02972	401040.56	3783949.61	0.03367
401322.36	3783949.61	0.03417	401604.16	3783949.61	0.02740
401885.96	3783949.61	0.01840	402167.76	3783949.61	0.01599
402449.56	3783949.61	0.02004	402731.36	3783949.61	0.01549
403013.16	3783949.61	0.02844	403294.96	3783949.61	0.03604
403576.76	3783949.61	0.04181	403858.56	3783949.61	0.04210
404140.36	3783949.61	0.04186	404422.16	3783949.61	0.02707
404703.96	3783949.61	0.02490	399067.96	3784213.17	0.02417
399349.76	3784213.17	0.02500	399631.56	3784213.17	0.02580
399913.36	3784213.17	0.02560	400195.16	3784213.17	0.01917
400476.96	3784213.17	0.01613	400758.76	3784213.17	0.01472
401040.56	3784213.17	0.02569	401322.36	3784213.17	0.03069
401604.16	3784213.17	0.02660	401885.96	3784213.17	0.01371
402167.76	3784213.17	0.00785	402449.56		

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3784213.17        0.01140
         402731.36    3784213.17        0.02298                    403013.16
3784213.17        0.02870
         403294.96    3784213.17        0.03382                    403576.76
3784213.17        0.03413
         403858.56    3784213.17        0.02606                    404140.36
3784213.17        0.02074
         404422.16    3784213.17        0.01545                    404703.96
3784213.17        0.02229
         401308.88    3781008.78        0.43554                    401328.88
3781008.78        0.44439
         401348.88    3781008.78        0.45325                    401368.88
3781008.78        0.46221
         401388.88    3781008.78        0.47219                    401408.88
3781008.78        0.48280
         401428.88    3781008.78        0.49238                    401448.88
3781008.78        0.50238
         401468.88    3781008.78        0.51344                    401488.88
3781008.78        0.52475
         401508.88    3781008.78        0.53605                    401528.88
3781008.78        0.54805
         401548.88    3781008.78        0.56045                    401568.88
3781008.78        0.57295
         401588.88    3781008.78        0.58591                    401608.88
3781008.78        0.59874
         401628.88    3781008.78        0.61216                    401648.88
3781008.78        0.62629
         401668.88    3781008.78        0.64078                    401688.88
3781008.78        0.65594
         401708.88    3781008.78        0.67189                    401728.88
3781008.78        0.68804
         401748.88    3781008.78        0.70466                    401768.88
3781008.78        0.72181
         401788.88    3781008.78        0.73911                    401808.88
3781008.78        0.75702
         401828.88    3781008.78        0.77489                    401848.88
3781008.78        0.79316
         401868.88    3781008.78        0.81251                    401888.88
3781008.78        0.83204
         401908.88    3781008.78        0.85213                    401928.88
3781008.78        0.87266
         401948.88    3781008.78        0.89372                    401968.88
3781008.78        0.91522
         401988.88    3781008.78        0.93722                    402008.88
3781008.78        0.95968
         402028.88    3781008.78        0.98387                    402048.88
3781008.78        1.00647
         402068.88    3781008.78        1.02991                    402088.88
3781008.78        1.05463
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***

INCLUDING SOURCE(S):   L0000894   , L0000895   , L0000896   , L0000897   , L0000898   ,
L0000899   , L0000900   , L0000901   , L0000902   , L0000903   , L0000904   , L0000905   , L0000906   ,
L0000907   , L0000908   , L0000909   , L0000910   , L0000911   , L0000912   , L0000913   , L0000914   ,
L0000915   , L0000916   , L0000917   , L0000918   , L0000919   , L0000920   , L0000921   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402108.88	3781008.78	1.07884	402128.88	3781008.78	1.10401
402148.88	3781008.78	1.13005	402168.88	3781008.78	1.15736
402188.88	3781008.78	1.18365	402208.88	3781008.78	1.20977
402228.88	3781008.78	1.23545	402248.88	3781008.78	1.26248
402268.88	3781008.78	1.29131	402288.88	3781008.78	1.32060
402308.88	3781008.78	1.35179	402328.88	3781008.78	1.38134
402348.88	3781008.78	1.41420	402368.88	3781008.78	1.44691
402388.88	3781008.78	1.48054	402408.88	3781008.78	1.51637
402428.88	3781008.78	1.55353	402448.88	3781008.78	1.59369
402468.88	3781008.78	1.63620	402488.88	3781008.78	1.68038
402508.88	3781008.78	1.73189	401308.88	3781028.78	0.43627

401328.88 3781028.78 0.44540 401348.88
3781028.78 0.45417
401368.88 3781028.78 0.46374 401388.88
3781028.78 0.47407
401408.88 3781028.78 0.48303 401428.88
3781028.78 0.49378
401448.88 3781028.78 0.50471 401468.88
3781028.78 0.51540
401488.88 3781028.78 0.52732 401508.88
3781028.78 0.53925
401528.88 3781028.78 0.55135 401548.88
3781028.78 0.56396
401568.88 3781028.78 0.57682 401588.88
3781028.78 0.59021
401608.88 3781028.78 0.60359 401628.88
3781028.78 0.61702
401648.88 3781028.78 0.63159 401668.88
3781028.78 0.64666
401688.88 3781028.78 0.66224 401708.88
3781028.78 0.67852
401728.88 3781028.78 0.69510 401748.88
3781028.78 0.71219
401768.88 3781028.78 0.72989 401788.88
3781028.78 0.74783
401808.88 3781028.78 0.76621 401828.88
3781028.78 0.78467
401848.88 3781028.78 0.80364 401868.88
3781028.78 0.82377
401888.88 3781028.78 0.84359 401908.88
3781028.78 0.86448
401928.88 3781028.78 0.88563 401948.88
3781028.78 0.90722
401968.88 3781028.78 0.92951 401988.88
3781028.78 0.95240
402008.88 3781028.78 0.97571 402028.88
3781028.78 1.00025
402048.88 3781028.78 1.02399 402068.88
3781028.78 1.04813
402088.88 3781028.78 1.07312 402108.88
3781028.78 1.09923
402128.88 3781028.78 1.12497 402148.88
3781028.78 1.15102
402168.88 3781028.78 1.17909 402188.88
3781028.78 1.20558
402208.88 3781028.78 1.23216 402228.88
3781028.78 1.25811
402248.88 3781028.78 1.28578 402268.88
3781028.78 1.31476
402288.88 3781028.78 1.34428 402308.88
3781028.78 1.37601

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                  INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                  L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                  L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                  L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         402488.88   3781028.78   1.70714   402508.88
3781028.78   1.75641
         401308.88   3781048.78   0.43738   401328.88
3781048.78   0.44635
         401348.88   3781048.78   0.45562   401368.88
3781048.78   0.46538
         401388.88   3781048.78   0.47544   401408.88
3781048.78   0.48533
         401428.88   3781048.78   0.49576   401448.88
3781048.78   0.50659
         401468.88   3781048.78   0.51811   401488.88
3781048.78   0.53009
         401508.88   3781048.78   0.54150   401528.88

3781048.78 0.55425
401548.88 3781048.78 0.56746 401568.88
3781048.78 0.58080
401588.88 3781048.78 0.59446 401608.88
3781048.78 0.60763
401628.88 3781048.78 0.62153 401648.88
3781048.78 0.63644
401668.88 3781048.78 0.65232 401688.88
3781048.78 0.66885
401708.88 3781048.78 0.68539 401728.88
3781048.78 0.70253
401748.88 3781048.78 0.72021 401768.88
3781048.78 0.73845
401788.88 3781048.78 0.75695 401808.88
3781048.78 0.77610
401828.88 3781048.78 0.79518 401848.88
3781048.78 0.81499
401868.88 3781048.78 0.83570 401888.88
3781048.78 0.85650
401908.88 3781048.78 0.87822 401928.88
3781048.78 0.90008
401948.88 3781048.78 0.92253 401968.88
3781048.78 0.94588
401988.88 3781048.78 0.96947 402008.88
3781048.78 0.99382
402028.88 3781048.78 1.01945 402048.88
3781048.78 1.04348
402068.88 3781048.78 1.06870 402088.88
3781048.78 1.09414
402108.88 3781048.78 1.12106 402128.88
3781048.78 1.14710
402148.88 3781048.78 1.17437 402168.88
3781048.78 1.20066
402188.88 3781048.78 1.22869 402208.88
3781048.78 1.25702
402228.88 3781048.78 1.28375 402248.88
3781048.78 1.31212
402268.88 3781048.78 1.34153 402288.88
3781048.78 1.37123
402308.88 3781048.78 1.40384 402328.88
3781048.78 1.43527
402348.88 3781048.78 1.46740 402368.88
3781048.78 1.50088
402388.88 3781048.78 1.53469 402408.88
3781048.78 1.57088
402428.88 3781048.78 1.60896 402448.88
3781048.78 1.64859
402468.88 3781048.78 1.69091 402488.88
3781048.78 1.73509
402508.88 3781048.78 1.78455 401308.88

3781068.78 0.43825
401328.88 3781068.78 0.44762 401348.88
3781068.78 0.45697
401368.88 3781068.78 0.46691 401388.88
3781068.78 0.47679
401408.88 3781068.78 0.48705 401428.88
3781068.78 0.49748
401448.88 3781068.78 0.50891 401468.88
3781068.78 0.52083
401488.88 3781068.78 0.53247 401508.88
3781068.78 0.54476
401528.88 3781068.78 0.55732 401548.88
3781068.78 0.57109
401568.88 3781068.78 0.58463 401588.88
3781068.78 0.59868
401608.88 3781068.78 0.61241 401628.88
3781068.78 0.62687

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401648.88	3781068.78	0.64208	401668.88	3781068.78	0.65798
401688.88	3781068.78	0.67519	401708.88	3781068.78	0.69264

401728.88 3781068.78 0.71018 401748.88
3781068.78 0.72860
401768.88 3781068.78 0.74749 401788.88
3781068.78 0.76670
401808.88 3781068.78 0.78615 401828.88
3781068.78 0.80626
401848.88 3781068.78 0.82687 401868.88
3781068.78 0.84840
401888.88 3781068.78 0.87011 401908.88
3781068.78 0.89280
401928.88 3781068.78 0.91562 401948.88
3781068.78 0.93881
401968.88 3781068.78 0.96261 401988.88
3781068.78 0.98732
402008.88 3781068.78 1.01227 402028.88
3781068.78 1.03928
402048.88 3781068.78 1.06404 402068.88
3781068.78 1.09007
402088.88 3781068.78 1.11663 402108.88
3781068.78 1.14458
402128.88 3781068.78 1.17163 402148.88
3781068.78 1.19939
402168.88 3781068.78 1.22808 402188.88
3781068.78 1.25636
402208.88 3781068.78 1.28467 402228.88
3781068.78 1.31281
402248.88 3781068.78 1.34192 402268.88
3781068.78 1.37171
402288.88 3781068.78 1.40242 402308.88
3781068.78 1.43433
402328.88 3781068.78 1.46696 402348.88
3781068.78 1.49953
402368.88 3781068.78 1.53140 402388.88
3781068.78 1.56505
402408.88 3781068.78 1.60115 402428.88
3781068.78 1.63854
402448.88 3781068.78 1.67884 402468.88
3781068.78 1.72198
402488.88 3781068.78 1.76757 402508.88
3781068.78 1.81519
401308.88 3781088.78 0.43893 401328.88
3781088.78 0.44869
401348.88 3781088.78 0.45833 401368.88
3781088.78 0.46847
401388.88 3781088.78 0.47827 401408.88
3781088.78 0.48905
401428.88 3781088.78 0.49953 401448.88
3781088.78 0.51131
401468.88 3781088.78 0.52339 401488.88
3781088.78 0.53519

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         401508.88    3781088.78        0.54810                      401528.88
3781088.78        0.56109
         401548.88    3781088.78        0.57484                      401568.88
3781088.78        0.58862
         401588.88    3781088.78        0.60303                      401608.88
3781088.78        0.61754
         401628.88    3781088.78        0.63286                      401648.88
3781088.78        0.64864
         401668.88    3781088.78        0.66497                      401688.88
3781088.78        0.68189
         401708.88    3781088.78        0.70028                      401728.88
3781088.78        0.71862
         401748.88    3781088.78        0.73745                      401768.88
3781088.78        0.75699
         401788.88    3781088.78        0.77693                      401808.88
3781088.78        0.79727
         401828.88    3781088.78        0.81815                      401848.88
3781088.78        0.83968
         401868.88    3781088.78        0.86201                      401888.88
3781088.78        0.88473
         401908.88    3781088.78        0.90822                      401928.88
3781088.78        0.93219
         401948.88    3781088.78        0.95672                      401968.88
3781088.78        0.98195
         401988.88    3781088.78        1.00741                      402008.88
3781088.78        1.03361
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 178
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402028.88	3781088.78	1.06086	402048.88	3781088.78	1.08701
402068.88	3781088.78	1.11369	402088.88	3781088.78	1.14193
402108.88	3781088.78	1.17012	402128.88	3781088.78	1.19864
402148.88	3781088.78	1.22762	402168.88	3781088.78	1.25734
402188.88	3781088.78	1.28633	402208.88	3781088.78	1.31518
402228.88	3781088.78	1.34434	402248.88	3781088.78	1.37414
402268.88	3781088.78	1.40446	402288.88	3781088.78	1.43536
402308.88	3781088.78	1.46808	402328.88	3781088.78	1.50060
402348.88	3781088.78	1.53364	402368.88	3781088.78	1.56740
402388.88	3781088.78	1.60010	402408.88	3781088.78	1.63630
402428.88	3781088.78	1.67360	402448.88	3781088.78	1.71541
402468.88	3781088.78	1.75786	402488.88	3781088.78	1.80268
402508.88	3781088.78	1.84967	401308.88	3781108.78	0.43982
401328.88	3781108.78	0.44938	401348.88	3781108.78	0.45951
401368.88	3781108.78	0.46987	401388.88	3781108.78	0.47979
401408.88	3781108.78	0.49083	401428.88	3781108.78	0.50174
401448.88	3781108.78	0.51375	401468.88	3781108.78	0.52578
401488.88	3781108.78	0.53782	401508.88	3781108.78	0.55122
401528.88	3781108.78	0.56454	401548.88	3781108.78	0.57881
401568.88	3781108.78	0.59290	401588.88	3781108.78	0.60770
401608.88	3781108.78	0.62289	401628.88	3781108.78	0.63857
401648.88	3781108.78	0.65479	401668.88	3781108.78	0.67152
401688.88	3781108.78	0.68914	401708.88		

3781108.78   0.70823
         401728.88   3781108.78   0.72709   401748.88
3781108.78   0.74668
         401768.88   3781108.78   0.76689   401788.88
3781108.78   0.78757
         401808.88   3781108.78   0.80873   401828.88
3781108.78   0.83069
         401848.88   3781108.78   0.85321   401868.88
3781108.78   0.87656
         401888.88   3781108.78   0.90025   401908.88
3781108.78   0.92490
         401928.88   3781108.78   0.94990   401948.88
3781108.78   0.97560
         401968.88   3781108.78   1.00207   401988.88
3781108.78   1.02934
         402008.88   3781108.78   1.05633   402028.88
3781108.78   1.08447
         402048.88   3781108.78   1.11174   402068.88
3781108.78   1.14016
         402088.88   3781108.78   1.16935   402108.88
3781108.78   1.19863
         402128.88   3781108.78   1.22802   402148.88
3781108.78   1.25748
         402168.88   3781108.78   1.28886   402188.88
3781108.78   1.31842
         402208.88   3781108.78   1.34890   402228.88
3781108.78   1.37906
         402248.88   3781108.78   1.40988   402268.88
3781108.78   1.44135
         402288.88   3781108.78   1.47304   402308.88
3781108.78   1.50614
         402328.88   3781108.78   1.53849   402348.88
3781108.78   1.57177
         402368.88   3781108.78   1.60437   402388.88
3781108.78   1.63847

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
                                   INCLUDING SOURCE(S):   L0000894   , L0000895   , L0000896   , L0000897   , L0000898   ,
                                      L0000899   , L0000900   , L0000901   , L0000902   , L0000903   , L0000904   , L0000905   , L0000906   ,
                                      L0000907   , L0000908   , L0000909   , L0000910   , L0000911

, L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919
, L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402408.88	3781108.78	1.67553	402428.88	3781108.78	1.71440
402448.88	3781108.78	1.75220	402468.88	3781108.78	1.79730
402488.88	3781108.78	1.84209	402508.88	3781108.78	1.88823
401308.88	3781128.78	0.44077	401328.88	3781128.78	0.45047
401348.88	3781128.78	0.46064	401368.88	3781128.78	0.47127
401388.88	3781128.78	0.48140	401408.88	3781128.78	0.49230
401428.88	3781128.78	0.50367	401448.88	3781128.78	0.51605
401468.88	3781128.78	0.52836	401488.88	3781128.78	0.54074
401508.88	3781128.78	0.55411	401528.88	3781128.78	0.56782
401548.88	3781128.78	0.58285	401568.88	3781128.78	0.59729
401588.88	3781128.78	0.61272	401608.88	3781128.78	0.62830
401628.88	3781128.78	0.64459	401648.88	3781128.78	0.66131
401668.88	3781128.78	0.67901	401688.88	3781128.78	0.69734
401708.88	3781128.78	0.71649	401728.88	3781128.78	0.73603
401748.88	3781128.78	0.75631	401768.88	3781128.78	0.77731
401788.88	3781128.78	0.79875	401808.88	3781128.78	0.82105
401828.88	3781128.78	0.84398	401848.88	3781128.78	0.86749
401868.88	3781128.78	0.89205	401888.88	3781128.78	0.91695

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         401908.88    3781128.78        0.94269                    401928.88
3781128.78        0.96914
         401948.88    3781128.78        0.99609                    401968.88
3781128.78        1.02391
         401988.88    3781128.78        1.05201                    402008.88
3781128.78        1.08091
         402028.88    3781128.78        1.10985                    402048.88
3781128.78        1.13923
         402068.88    3781128.78        1.16887                    402088.88
3781128.78        1.19936
         402108.88    3781128.78        1.23011                    402128.88
3781128.78        1.26095
         402148.88    3781128.78        1.29245                    402168.88
3781128.78        1.32353
         402188.88    3781128.78        1.35478                    402208.88
3781128.78        1.38637
         402228.88    3781128.78        1.41796                    402248.88
3781128.78        1.44996
         402268.88    3781128.78        1.48223                    402288.88
3781128.78        1.51512
         402308.88    3781128.78        1.54845                    402328.88
3781128.78        1.58086
         402348.88    3781128.78        1.61461                    402368.88
3781128.78        1.64950
         402388.88    3781128.78        1.68491                    402408.88
3781128.78        1.72027
         402428.88    3781128.78        1.75928                    402448.88
3781128.78        1.79730
         402468.88    3781128.78        1.84096                    402488.88
3781128.78        1.88577
         402508.88    3781128.78        1.93162                    401308.88
3781148.78        0.44162
         401328.88    3781148.78        0.45121                    401348.88
3781148.78        0.46127
         401368.88    3781148.78        0.47260                    401388.88
3781148.78        0.48353
         401408.88    3781148.78        0.49422                    401428.88
3781148.78        0.50593
         401448.88    3781148.78        0.51838                    401468.88
3781148.78        0.53105
         401488.88    3781148.78        0.54348                    401508.88
3781148.78        0.55745
         401528.88    3781148.78        0.57180                    401548.88
3781148.78        0.58698
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401568.88	3781148.78	0.60192	401588.88	3781148.78	0.61755
401608.88	3781148.78	0.63380	401628.88	3781148.78	0.65064
401648.88	3781148.78	0.66822	401668.88	3781148.78	0.68655
401688.88	3781148.78	0.70555	401708.88	3781148.78	0.72521
401728.88	3781148.78	0.74557	401748.88	3781148.78	0.76664
401768.88	3781148.78	0.78841	401788.88	3781148.78	0.81090
401808.88	3781148.78	0.83417	401828.88	3781148.78	0.85824
401848.88	3781148.78	0.88303	401868.88	3781148.78	0.90862
401888.88	3781148.78	0.93498	401908.88	3781148.78	0.96206
401928.88	3781148.78	0.98983	401948.88	3781148.78	1.01831
401968.88	3781148.78	1.04747	401988.88	3781148.78	1.07705
402008.88	3781148.78	1.10734	402028.88	3781148.78	1.13793
402048.88	3781148.78	1.16910	402068.88	3781148.78	1.20056
402088.88	3781148.78	1.23245	402108.88		

3781148.78 1.26464
402128.88 3781148.78 1.29709 402148.88
3781148.78 1.32979
402168.88 3781148.78 1.36256 402188.88
3781148.78 1.39548
402208.88 3781148.78 1.42860 402228.88
3781148.78 1.46180
402248.88 3781148.78 1.49511 402268.88
3781148.78 1.52857
402288.88 3781148.78 1.56234 402308.88
3781148.78 1.59620
402328.88 3781148.78 1.63013 402348.88
3781148.78 1.66471
402368.88 3781148.78 1.70000 402388.88
3781148.78 1.73583
402408.88 3781148.78 1.77258 402428.88
3781148.78 1.81048
402448.88 3781148.78 1.85002 402468.88
3781148.78 1.89176
402488.88 3781148.78 1.93621 402508.88
3781148.78 1.98323
401308.88 3781168.78 0.44263 401328.88
3781168.78 0.45244
401348.88 3781168.78 0.46261 401368.88
3781168.78 0.47394
401388.88 3781168.78 0.48469 401408.88
3781168.78 0.49599
401428.88 3781168.78 0.50796 401448.88
3781168.78 0.52079
401468.88 3781168.78 0.53364 401488.88
3781168.78 0.54671
401508.88 3781168.78 0.56092 401528.88
3781168.78 0.57534
401548.88 3781168.78 0.59114 401568.88
3781168.78 0.60632
401588.88 3781168.78 0.62239 401608.88
3781168.78 0.63912
401628.88 3781168.78 0.65678 401648.88
3781168.78 0.67478
401668.88 3781168.78 0.69398 401688.88
3781168.78 0.71378
401708.88 3781168.78 0.73420 401728.88
3781168.78 0.75544
401748.88 3781168.78 0.77734 401768.88
3781168.78 0.80009
401788.88 3781168.78 0.82366 401808.88
3781168.78 0.84807
401828.88 3781168.78 0.87336 401848.88
3781168.78 0.89941
401868.88 3781168.78 0.92643 401888.88

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                  INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                  L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                  L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                  L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         401948.88   3781168.78   1.04205   401968.88
3781168.78   1.07277
         401988.88   3781168.78   1.10417   402008.88
3781168.78   1.13620
         402028.88   3781168.78   1.16870   402048.88
3781168.78   1.20168
         402068.88   3781168.78   1.23508   402088.88
3781168.78   1.26884
         402108.88   3781168.78   1.30286   402128.88
3781168.78   1.33711
         402148.88   3781168.78   1.37154   402168.88
3781168.78   1.40605
         402188.88   3781168.78   1.44068   402208.88
3781168.78   1.47536
         402228.88   3781168.78   1.50974   402248.88
3781168.78   1.54442
         402268.88   3781168.78   1.57892   402288.88
3781168.78   1.61355

402308.88 3781168.78 1.64907 402328.88
3781168.78 1.68329
402348.88 3781168.78 1.71824 402368.88
3781168.78 1.75404
402388.88 3781168.78 1.78989 402408.88
3781168.78 1.82692
402428.88 3781168.78 1.86487 402448.88
3781168.78 1.90506
402468.88 3781168.78 1.94558 402488.88
3781168.78 1.99301
402508.88 3781168.78 2.03634 401308.88
3781188.78 0.44344
401328.88 3781188.78 0.45344 401348.88
3781188.78 0.46384
401368.88 3781188.78 0.47524 401388.88
3781188.78 0.48628
401408.88 3781188.78 0.49785 401428.88
3781188.78 0.50997
401448.88 3781188.78 0.52299 401468.88
3781188.78 0.53632
401488.88 3781188.78 0.54978 401508.88
3781188.78 0.56429
401528.88 3781188.78 0.57904 401548.88
3781188.78 0.59537
401568.88 3781188.78 0.61101 401588.88
3781188.78 0.62765
401608.88 3781188.78 0.64501 401628.88
3781188.78 0.66301
401648.88 3781188.78 0.68195 401668.88
3781188.78 0.70185
401688.88 3781188.78 0.72231 401708.88
3781188.78 0.74360
401728.88 3781188.78 0.76570 401748.88
3781188.78 0.78862
401768.88 3781188.78 0.81244 401788.88
3781188.78 0.83718
401808.88 3781188.78 0.86285 401828.88
3781188.78 0.88948
401848.88 3781188.78 0.91703 401868.88
3781188.78 0.94540
401888.88 3781188.78 0.97482 401908.88
3781188.78 1.00508
401928.88 3781188.78 1.03599 401948.88
3781188.78 1.06783
401968.88 3781188.78 1.10040 401988.88
3781188.78 1.13373
402008.88 3781188.78 1.16760 402028.88
3781188.78 1.20238
402048.88 3781188.78 1.23772 402068.88
3781188.78 1.27337

```
         402088.88    3781188.78        1.30924                       402108.88
3781188.78        1.34541
         402128.88    3781188.78        1.38160                       402148.88
3781188.78        1.41810
         402168.88    3781188.78        1.45459                       402188.88
3781188.78        1.49120
         402208.88    3781188.78        1.52769                       402228.88
3781188.78        1.56403
         402248.88    3781188.78        1.60021                       402268.88
3781188.78        1.63627
         402288.88    3781188.78        1.67233                       402308.88
3781188.78        1.70847
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 182
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         402328.88    3781188.78        1.74381                       402348.88
3781188.78        1.77969
         402368.88    3781188.78        1.81599                       402388.88
3781188.78        1.85282
         402408.88    3781188.78        1.89033                       402428.88
3781188.78        1.92925
         402448.88    3781188.78        1.96881                       402468.88
3781188.78        2.00951
         402488.88    3781188.78        2.05607                       402508.88
```

3781188.78 2.10046
401308.88 3781208.78 0.44403 401328.88
3781208.78 0.45430
401348.88 3781208.78 0.46483 401368.88
3781208.78 0.47646
401388.88 3781208.78 0.48780 401408.88
3781208.78 0.49967
401428.88 3781208.78 0.51210 401448.88
3781208.78 0.52522
401468.88 3781208.78 0.53877 401488.88
3781208.78 0.55282
401508.88 3781208.78 0.56764 401528.88
3781208.78 0.58289
401548.88 3781208.78 0.59955 401568.88
3781208.78 0.61588
401588.88 3781208.78 0.63299 401608.88
3781208.78 0.65072
401628.88 3781208.78 0.66954 401648.88
3781208.78 0.68930
401668.88 3781208.78 0.70985 401688.88
3781208.78 0.73119
401708.88 3781208.78 0.75331 401728.88
3781208.78 0.77635
401748.88 3781208.78 0.80035 401768.88
3781208.78 0.82537
401788.88 3781208.78 0.85138 401808.88
3781208.78 0.87846
401828.88 3781208.78 0.90648 401848.88
3781208.78 0.93563
401868.88 3781208.78 0.96563 401888.88
3781208.78 0.99679
401908.88 3781208.78 1.02905 401928.88
3781208.78 1.06195
401948.88 3781208.78 1.09585 401968.88
3781208.78 1.13064
401988.88 3781208.78 1.16576 402008.88
3781208.78 1.20179
402028.88 3781208.78 1.23936 402048.88
3781208.78 1.27749
402068.88 3781208.78 1.31586 402088.88
3781208.78 1.35402
402108.88 3781208.78 1.39276 402128.88
3781208.78 1.43145
402148.88 3781208.78 1.47012 402168.88
3781208.78 1.50929
402188.88 3781208.78 1.54805 402208.88
3781208.78 1.58657
402228.88 3781208.78 1.62504 402248.88
3781208.78 1.66310
402268.88 3781208.78 1.70086 402288.88

3781208.78 1.73837
402308.88 3781208.78 1.77564 402328.88
3781208.78 1.81264
402348.88 3781208.78 1.84949 402368.88
3781208.78 1.88622
402388.88 3781208.78 1.92351 402408.88
3781208.78 1.96127
402428.88 3781208.78 2.00037 402448.88
3781208.78 2.04054
402468.88 3781208.78 2.08212 402488.88
3781208.78 2.12741
402508.88 3781208.78 2.17266 401308.88
3781228.78 0.44465
401328.88 3781228.78 0.45509 401348.88
3781228.78 0.46582
401368.88 3781228.78 0.47749 401388.88
3781228.78 0.48906
401408.88 3781228.78 0.50115 401428.88
3781228.78 0.51385
401448.88 3781228.78 0.52741 401468.88
3781228.78 0.54143

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -

401488.88 3781228.78 0.55574 401508.88
3781228.78 0.57095
401528.88 3781228.78 0.58662 401548.88
3781228.78 0.60379
401568.88 3781228.78 0.62084 401588.88
3781228.78 0.63840
401608.88 3781228.78 0.65680 401628.88
3781228.78 0.67623
401648.88 3781228.78 0.69668 401668.88
3781228.78 0.71802
401688.88 3781228.78 0.74025 401708.88
3781228.78 0.76332
401728.88 3781228.78 0.78740 401748.88
3781228.78 0.81260
401768.88 3781228.78 0.83888 401788.88
3781228.78 0.86631
401808.88 3781228.78 0.89477 401828.88
3781228.78 0.92451
401848.88 3781228.78 0.95537 401868.88
3781228.78 0.98717
401888.88 3781228.78 1.02026 401908.88
3781228.78 1.05465
401928.88 3781228.78 1.09013 401948.88
3781228.78 1.12628
401968.88 3781228.78 1.16316 401988.88
3781228.78 1.20053
402008.88 3781228.78 1.23940 402028.88
3781228.78 1.27987
402048.88 3781228.78 1.32137 402068.88
3781228.78 1.36305
402088.88 3781228.78 1.40442 402108.88
3781228.78 1.44653
402128.88 3781228.78 1.48732 402148.88
3781228.78 1.52888
402168.88 3781228.78 1.57092 402188.88
3781228.78 1.61231
402208.88 3781228.78 1.65318 402228.88
3781228.78 1.69387
402248.88 3781228.78 1.73411 402268.88
3781228.78 1.77389
402288.88 3781228.78 1.81297 402308.88
3781228.78 1.85167
402328.88 3781228.78 1.89042 402348.88
3781228.78 1.92877
402368.88 3781228.78 1.96662 402388.88
3781228.78 2.00423
402408.88 3781228.78 2.04229 402428.88
3781228.78 2.08079
402448.88 3781228.78 2.12095 402468.88
3781228.78 2.16216

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         402488.88    3781228.78        2.20745                      402508.88
3781228.78        2.25363
         401308.88    3781248.78        0.44522                      401328.88
3781248.78        0.45576
         401348.88    3781248.78        0.46681                      401368.88
3781248.78        0.47835
         401388.88    3781248.78        0.49020                      401408.88
3781248.78        0.50266
         401428.88    3781248.78        0.51586                      401448.88
3781248.78        0.52953
         401468.88    3781248.78        0.54386                      401488.88
3781248.78        0.55874
         401508.88    3781248.78        0.57437                      401528.88
3781248.78        0.59054
         401548.88    3781248.78        0.60798                      401568.88
3781248.78        0.62514
         401588.88    3781248.78        0.64354                      401608.88
3781248.78        0.66277
         401628.88    3781248.78        0.68300                      401648.88
3781248.78        0.70420
         401668.88    3781248.78        0.72637                      401688.88
3781248.78        0.74948
         401708.88    3781248.78        0.77361                      401728.88
3781248.78        0.79889
         401748.88    3781248.78        0.82532                      401768.88
3781248.78        0.85296
         401788.88    3781248.78        0.88190                      401808.88
3781248.78        0.91210
         401828.88    3781248.78        0.94349                      401848.88
3781248.78        0.97628
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 184
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                   INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401868.88	3781248.78	1.01007	401888.88	3781248.78	1.04568
401908.88	3781248.78	1.08255	401928.88	3781248.78	1.12048
401948.88	3781248.78	1.15877	401968.88	3781248.78	1.19823
401988.88	3781248.78	1.23924	402008.88	3781248.78	1.28116
402028.88	3781248.78	1.32530	402048.88	3781248.78	1.37019
402068.88	3781248.78	1.41528	402088.88	3781248.78	1.46043
402108.88	3781248.78	1.50538	402128.88	3781248.78	1.55068
402148.88	3781248.78	1.59537	402168.88	3781248.78	1.64050
402188.88	3781248.78	1.68560	402208.88	3781248.78	1.72944
402228.88	3781248.78	1.77268	402248.88	3781248.78	1.81498
402268.88	3781248.78	1.85716	402288.88	3781248.78	1.89831
402308.88	3781248.78	1.93875	402328.88	3781248.78	1.97943
402348.88	3781248.78	2.02002	402368.88	3781248.78	2.05810
402388.88	3781248.78	2.09633	402408.88	3781248.78	2.13443
402428.88	3781248.78	2.17319	402448.88	3781248.78	2.21304
402468.88	3781248.78	2.25386	402488.88	3781248.78	2.29816
402508.88	3781248.78	2.34235	401308.88	3781268.78	0.44583
401328.88	3781268.78	0.45656	401348.88	3781268.78	0.46794
401368.88	3781268.78	0.47971	401388.88	3781268.78	0.49187
401408.88	3781268.78	0.50458	401428.88	3781268.78	0.51791
401448.88	3781268.78	0.53196	401468.88		

3781268.78 0.54667
401488.88 3781268.78 0.56199 401508.88
3781268.78 0.57799
401528.88 3781268.78 0.59472 401548.88
3781268.78 0.61219
401568.88 3781268.78 0.63021 401588.88
3781268.78 0.64923
401608.88 3781268.78 0.66913 401628.88
3781268.78 0.69003
401648.88 3781268.78 0.71192 401668.88
3781268.78 0.73490
401688.88 3781268.78 0.75895 401708.88
3781268.78 0.78421
401728.88 3781268.78 0.81068 401748.88
3781268.78 0.83845
401768.88 3781268.78 0.86760 401788.88
3781268.78 0.89816
401808.88 3781268.78 0.93011 401828.88
3781268.78 0.96351
401848.88 3781268.78 0.99839 401868.88
3781268.78 1.03445
401888.88 3781268.78 1.07265 401908.88
3781268.78 1.11217
401928.88 3781268.78 1.15283 401948.88
3781268.78 1.19387
401968.88 3781268.78 1.23723 401988.88
3781268.78 1.28242
402008.88 3781268.78 1.32716 402028.88
3781268.78 1.37600
402048.88 3781268.78 1.42513 402068.88
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402088.88 3781268.78 1.52330 402108.88
3781268.78 1.57325
402128.88 3781268.78 1.62209 402148.88
3781268.78 1.67131
402168.88 3781268.78 1.71982 402188.88
3781268.78 1.76861
402208.88 3781268.78 1.81595 402228.88
3781268.78 1.86292

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895

```
, L0000896    , L0000897    , L0000898    ,
                L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         402248.88    3781268.78        1.90778                       402268.88
3781268.78        1.95195
         402288.88    3781268.78        1.99567                       402308.88
3781268.78        2.03850
         402328.88    3781268.78        2.08129                       402348.88
3781268.78        2.12255
         402368.88    3781268.78        2.16235                       402388.88
3781268.78        2.20119
         402408.88    3781268.78        2.23986                       402428.88
3781268.78        2.27842
         402448.88    3781268.78        2.31779                       402468.88
3781268.78        2.35831
         402488.88    3781268.78        2.40115                       402508.88
3781268.78        2.44464
         401308.88    3781288.78        0.44609                       401328.88
3781288.78        0.45715
         401348.88    3781288.78        0.46860                       401368.88
3781288.78        0.48081
         401388.88    3781288.78        0.49301                       401408.88
3781288.78        0.50570
         401428.88    3781288.78        0.51935                       401448.88
3781288.78        0.53389
         401468.88    3781288.78        0.54901                       401488.88
3781288.78        0.56454
         401508.88    3781288.78        0.58095                       401528.88
3781288.78        0.59806
         401548.88    3781288.78        0.61627                       401568.88
3781288.78        0.63469
         401588.88    3781288.78        0.65434                       401608.88
3781288.78        0.67489
         401628.88    3781288.78        0.69670                       401648.88
3781288.78        0.71959
```

401668.88 3781288.78 0.74347 401688.88
3781288.78 0.76858
401708.88 3781288.78 0.79502 401728.88
3781288.78 0.82280
401748.88 3781288.78 0.85202 401768.88
3781288.78 0.88277
401788.88 3781288.78 0.91516 401808.88
3781288.78 0.94908
401828.88 3781288.78 0.98474 401848.88
3781288.78 1.02212
401868.88 3781288.78 1.06039 401888.88
3781288.78 1.10175
401908.88 3781288.78 1.14437 401928.88
3781288.78 1.18740
401948.88 3781288.78 1.23327 401968.88
3781288.78 1.27994
401988.88 3781288.78 1.32802 402008.88
3781288.78 1.37669
402028.88 3781288.78 1.42925 402048.88
3781288.78 1.48409
402068.88 3781288.78 1.54137 402088.88
3781288.78 1.59659
402108.88 3781288.78 1.64985 402128.88
3781288.78 1.70332
402148.88 3781288.78 1.75702 402168.88
3781288.78 1.81044
402188.88 3781288.78 1.86367 402208.88
3781288.78 1.91512
402228.88 3781288.78 1.96542 402248.88
3781288.78 2.01534
402268.88 3781288.78 2.06149 402288.88
3781288.78 2.10825
402308.88 3781288.78 2.15371 402328.88
3781288.78 2.19817
402348.88 3781288.78 2.24191 402368.88
3781288.78 2.28304
402388.88 3781288.78 2.32202 402408.88
3781288.78 2.36164
402428.88 3781288.78 2.39909 402448.88
3781288.78 2.43819
402468.88 3781288.78 2.47799 402488.88
3781288.78 2.51944
402508.88 3781288.78 2.56192 401308.88
3781308.78 0.44546
401328.88 3781308.78 0.45696 401348.88
3781308.78 0.46857
401368.88 3781308.78 0.48142 401388.88
3781308.78 0.49380

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401408.88	3781308.78	0.50664	401428.88	3781308.78	0.52096
401448.88	3781308.78	0.53572	401468.88	3781308.78	0.55101
401488.88	3781308.78	0.56687	401508.88	3781308.78	0.58368
401528.88	3781308.78	0.60126	401548.88	3781308.78	0.62022
401568.88	3781308.78	0.63934	401588.88	3781308.78	0.65953
401608.88	3781308.78	0.68112	401628.88	3781308.78	0.70358
401648.88	3781308.78	0.72725	401668.88	3781308.78	0.75213
401688.88	3781308.78	0.77837	401708.88	3781308.78	0.80601
401728.88	3781308.78	0.83515	401748.88	3781308.78	0.86587
401768.88	3781308.78	0.89842	401788.88	3781308.78	0.93268
401808.88	3781308.78	0.96880	401828.88	3781308.78	1.00673
401848.88	3781308.78	1.04630	401868.88		

3781308.78 1.08789
401888.88 3781308.78 1.13210 401908.88
3781308.78 1.17791
401928.88 3781308.78 1.22426 401948.88
3781308.78 1.27551
401968.88 3781308.78 1.32475 401988.88
3781308.78 1.37882
402008.88 3781308.78 1.43379 402028.88
3781308.78 1.49073
402048.88 3781308.78 1.55060 402068.88
3781308.78 1.61468
402088.88 3781308.78 1.67709 402108.88
3781308.78 1.73564
402128.88 3781308.78 1.79669 402148.88
3781308.78 1.85770
402168.88 3781308.78 1.91645 402188.88
3781308.78 1.97419
402208.88 3781308.78 2.02940 402228.88
3781308.78 2.08429
402248.88 3781308.78 2.13753 402268.88
3781308.78 2.18983
402288.88 3781308.78 2.23997 402308.88
3781308.78 2.28771
402328.88 3781308.78 2.33470 402348.88
3781308.78 2.38115
402368.88 3781308.78 2.42306 402388.88
3781308.78 2.46356
402408.88 3781308.78 2.50171 402428.88
3781308.78 2.53966
402448.88 3781308.78 2.57854 402468.88
3781308.78 2.61657
402488.88 3781308.78 2.65619 402508.88
3781308.78 2.69942
401308.88 3781328.78 0.44513 401328.88
3781328.78 0.45639
401348.88 3781328.78 0.46804 401368.88
3781328.78 0.48144
401388.88 3781328.78 0.49405 401408.88
3781328.78 0.50711
401428.88 3781328.78 0.52187 401448.88
3781328.78 0.53692
401468.88 3781328.78 0.55276 401488.88
3781328.78 0.56917
401508.88 3781328.78 0.58615 401528.88
3781328.78 0.60447
401548.88 3781328.78 0.62398 401568.88
3781328.78 0.64360
401588.88 3781328.78 0.66447 401608.88
3781328.78 0.68667
401628.88 3781328.78 0.71007 401648.88

3781328.78   0.73458
        401668.88   3781328.78   0.76072   401688.88
3781328.78   0.78809
        401708.88   3781328.78   0.81711   401728.88
3781328.78   0.84773
        401748.88   3781328.78   0.88004   401768.88
3781328.78   0.91450

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***

INCLUDING SOURCE(S):   L0000894   , L0000895   , L0000896   , L0000897   , L0000898   ,
L0000899   , L0000900   , L0000901   , L0000902   , L0000903   , L0000904   , L0000905   , L0000906   ,
L0000907   , L0000908   , L0000909   , L0000910   , L0000911   , L0000912   , L0000913   , L0000914   ,
L0000915   , L0000916   , L0000917   , L0000918   , L0000919   , L0000920   , L0000921   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401788.88	3781328.78	0.95081	401808.88	3781328.78	0.98921
401828.88	3781328.78	1.03025	401848.88	3781328.78	1.07209
401868.88	3781328.78	1.11703	401888.88	3781328.78	1.16493
401908.88	3781328.78	1.21403	401928.88	3781328.78	1.26711
401948.88	3781328.78	1.32413	401968.88	3781328.78	1.37969
401988.88	3781328.78	1.43746	402008.88	3781328.78	1.49917
402028.88	3781328.78	1.56164	402048.88	3781328.78	1.62608

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        402068.88    3781328.78        1.69767                    402088.88
3781328.78        1.76876
        402108.88    3781328.78        1.83401                    402128.88
3781328.78        1.90559
        402148.88    3781328.78        1.96870                    402168.88
3781328.78        2.03581
        402188.88    3781328.78        2.10007                    402208.88
3781328.78        2.16212
        402228.88    3781328.78        2.22303                    402248.88
3781328.78        2.28150
        402268.88    3781328.78        2.33863                    402288.88
3781328.78        2.39240
        402308.88    3781328.78        2.44377                    402328.88
3781328.78        2.49537
        402348.88    3781328.78        2.54561                    402368.88
3781328.78        2.58677
        402388.88    3781328.78        2.62455                    402408.88
3781328.78        2.66524
        402428.88    3781328.78        2.70528                    402448.88
3781328.78        2.74077
        402468.88    3781328.78        2.77744                    402488.88
3781328.78        2.81542
        402508.88    3781328.78        2.86224                    401308.88
3781348.78        0.44488
        401328.88    3781348.78        0.45625                    401348.88
3781348.78        0.46810
        401368.88    3781348.78        0.48136                    401388.88
3781348.78        0.49427
        401408.88    3781348.78        0.50751                    401428.88
3781348.78        0.52215
        401448.88    3781348.78        0.53793                    401468.88
3781348.78        0.55384
        401488.88    3781348.78        0.57029                    401508.88
3781348.78        0.58804
        401528.88    3781348.78        0.60660                    401548.88
3781348.78        0.62760
        401568.88    3781348.78        0.64769                    401588.88
3781348.78        0.66957
        401608.88    3781348.78        0.69227                    401628.88
3781348.78        0.71660
        401648.88    3781348.78        0.74220                    401668.88
3781348.78        0.76922
        401688.88    3781348.78        0.79787                    401708.88
3781348.78        0.82821
        401728.88    3781348.78        0.86039                    401748.88
3781348.78        0.89454
        401768.88    3781348.78        0.93079                    401788.88
3781348.78        0.96917
        401808.88    3781348.78        1.01010                    401828.88
3781348.78        1.05367
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402168.88	3781348.78	2.17872	402188.88	3781348.78	2.25161
402208.88	3781348.78	2.31838	402228.88	3781348.78	2.38927
402248.88	3781348.78	2.45580	402268.88		

3781348.78 2.51480
402288.88 3781348.78 2.57524 402308.88
3781348.78 2.62857
402328.88 3781348.78 2.68238 402348.88
3781348.78 2.73246
402368.88 3781348.78 2.77659 402388.88
3781348.78 2.81537
402408.88 3781348.78 2.85556 402428.88
3781348.78 2.89721
402448.88 3781348.78 2.93186 402468.88
3781348.78 2.96738
402488.88 3781348.78 3.00400 402508.88
3781348.78 3.05536
401308.88 3781368.78 0.44419 401328.88
3781368.78 0.45575
401348.88 3781368.78 0.46770 401368.88
3781368.78 0.48110
401388.88 3781368.78 0.49458 401408.88
3781368.78 0.50806
401428.88 3781368.78 0.52286 401448.88
3781368.78 0.53862
401468.88 3781368.78 0.55517 401488.88
3781368.78 0.57181
401508.88 3781368.78 0.59013 401528.88
3781368.78 0.60916
401548.88 3781368.78 0.63094 401568.88
3781368.78 0.65168
401588.88 3781368.78 0.67405 401608.88
3781368.78 0.69783
401628.88 3781368.78 0.72289 401648.88
3781368.78 0.74946
401668.88 3781368.78 0.77760 401688.88
3781368.78 0.80750
401708.88 3781368.78 0.83924 401728.88
3781368.78 0.87305
401748.88 3781368.78 0.90910 401768.88
3781368.78 0.94746
401788.88 3781368.78 0.98836 401808.88
3781368.78 1.03202
401828.88 3781368.78 1.07836 401848.88
3781368.78 1.12781
401868.88 3781368.78 1.18010 401888.88
3781368.78 1.23648
401908.88 3781368.78 1.29564 401928.88
3781368.78 1.35926
401948.88 3781368.78 1.42654 401968.88
3781368.78 1.49819
401988.88 3781368.78 1.56851 402008.88
3781368.78 1.64821
402028.88 3781368.78 1.72838 402048.88

3781368.78   1.81001
         402068.88   3781368.78   1.89937   402088.88
3781368.78   1.99197
         402108.88   3781368.78   2.08608   402128.88
3781368.78   2.17595
         402148.88   3781368.78   2.26368   402168.88
3781368.78   2.34909
         402188.88   3781368.78   2.42280   402208.88
3781368.78   2.50125
         402228.88   3781368.78   2.57595   402248.88
3781368.78   2.65359
         402268.88   3781368.78   2.72376   402288.88
3781368.78   2.78851
         402308.88   3781368.78   2.84904   402328.88
3781368.78   2.90563
         402348.88   3781368.78   2.96174   402368.88
3781368.78   3.00174
         402388.88   3781368.78   3.04463   402408.88
3781368.78   3.08572
         402428.88   3781368.78   3.12678   402448.88
3781368.78   3.16511
         402468.88   3781368.78   3.18919   402488.88
3781368.78   3.23277
         402508.88   3781368.78   3.28096   401308.88
3781388.78   0.44309

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
                                INCLUDING SOURCE(S):   L0000894   , L0000895 , L0000896   , L0000897   , L0000898   ,
                  L0000899   , L0000900   , L0000901   , L0000902   , L0000903 , L0000904   , L0000905   , L0000906   ,
                  L0000907   , L0000908   , L0000909   , L0000910   , L0000911 , L0000912   , L0000913   , L0000914   ,
                  L0000915   , L0000916   , L0000917   , L0000918   , L0000919 , L0000920   , L0000921   , . . .   ,

                                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401328.88	3781388.78	0.45485	401348.88	3781388.78	0.46714
401368.88	3781388.78	0.48064	401388.88	3781388.78	0.49434
401408.88	3781388.78	0.50807	401428.88	3781388.78	0.52321
401448.88	3781388.78	0.53926	401468.88	3781388.78	0.55588
401488.88	3781388.78	0.57294	401508.88	3781388.78	0.59152
401528.88	3781388.78	0.61132	401548.88	3781388.78	0.63345
401568.88	3781388.78	0.65467	401588.88	3781388.78	0.67820
401608.88	3781388.78	0.70296	401628.88	3781388.78	0.72892
401648.88	3781388.78	0.75652	401668.88	3781388.78	0.78559
401688.88	3781388.78	0.81682	401708.88	3781388.78	0.85010
401728.88	3781388.78	0.88565	401748.88	3781388.78	0.92352
401768.88	3781388.78	0.96425	401788.88	3781388.78	1.00777
401808.88	3781388.78	1.05422	401828.88	3781388.78	1.10406
401848.88	3781388.78	1.15747	401868.88	3781388.78	1.21369
401888.88	3781388.78	1.27670	401908.88	3781388.78	1.34169
401928.88	3781388.78	1.41012	401948.88	3781388.78	1.48684
401968.88	3781388.78	1.56485	401988.88	3781388.78	1.64812
402008.88	3781388.78	1.73481	402028.88	3781388.78	1.82863
402048.88	3781388.78	1.92505	402068.88	3781388.78	2.03045
402088.88	3781388.78	2.13480	402108.88	3781388.78	2.24380
402128.88	3781388.78	2.35106	402148.88	3781388.78	2.45349
402168.88	3781388.78	2.54707	402188.88	3781388.78	2.64061
402208.88	3781388.78	2.72385	402228.88	3781388.78	2.81742

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         402248.88    3781388.78        2.90164                      402268.88
3781388.78        2.97483
         402288.88    3781388.78        3.05107                      402308.88
3781388.78        3.11468
         402328.88    3781388.78        3.17844                      402348.88
3781388.78        3.23345
         402368.88    3781388.78        3.27532                      402388.88
3781388.78        3.32181
         402408.88    3781388.78        3.36650                      402428.88
3781388.78        3.41095
         402448.88    3781388.78        3.45341                      402468.88
3781388.78        3.46273
         402488.88    3781388.78        3.51606                      402508.88
3781388.78        3.56771
         401308.88    3781408.78        0.44081                      401328.88
3781408.78        0.45272
         401348.88    3781408.78        0.46556                      401368.88
3781408.78        0.47990
         401388.88    3781408.78        0.49365                      401408.88
3781408.78        0.50732
         401428.88    3781408.78        0.52288                      401448.88
3781408.78        0.53934
         401468.88    3781408.78        0.55651                      401488.88
3781408.78        0.57393
         401508.88    3781408.78        0.59328                      401528.88
3781408.78        0.61322
         401548.88    3781408.78        0.63580                      401568.88
3781408.78        0.65758
         401588.88    3781408.78        0.68072                      401608.88
3781408.78        0.70734
         401628.88    3781408.78        0.73445                      401648.88
3781408.78        0.76312
         401668.88    3781408.78        0.79343                      401688.88
3781408.78        0.82593
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 190
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
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L0000915 , L0000916 , L0000917 , L0000918 , L0000919
, L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401708.88	3781408.78	0.86066	401728.88	3781408.78	0.89792
401748.88	3781408.78	0.93782	401768.88	3781408.78	0.98068
401788.88	3781408.78	1.02694	401808.88	3781408.78	1.07653
401828.88	3781408.78	1.13014	401848.88	3781408.78	1.18768
401868.88	3781408.78	1.24915	401888.88	3781408.78	1.31690
401908.88	3781408.78	1.38975	401928.88	3781408.78	1.46688
401948.88	3781408.78	1.55081	401968.88	3781408.78	1.64121
401988.88	3781408.78	1.73728	402008.88	3781408.78	1.83672
402028.88	3781408.78	1.94460	402048.88	3781408.78	2.05715
402068.88	3781408.78	2.17469	402088.88	3781408.78	2.29764
402108.88	3781408.78	2.42866	402128.88	3781408.78	2.55719
402148.88	3781408.78	2.67712	402168.88	3781408.78	2.78647
402188.88	3781408.78	2.89640	402208.88	3781408.78	2.99591
402228.88	3781408.78	3.10112	402248.88	3781408.78	3.19712
402268.88	3781408.78	3.29385	402288.88	3781408.78	3.37381
402308.88	3781408.78	3.44151	402328.88	3781408.78	3.50711
402348.88	3781408.78	3.56475	402368.88	3781408.78	3.60560
402388.88	3781408.78	3.65644	402408.88	3781408.78	3.70569
402428.88	3781408.78	3.75295	402448.88		

3781408.78 3.78646
402468.88 3781408.78 3.80002 402488.88
3781408.78 3.85683
402508.88 3781408.78 3.90338 401308.88
3781428.78 0.43738
401328.88 3781428.78 0.44946 401348.88
3781428.78 0.46244
401368.88 3781428.78 0.47847 401388.88
3781428.78 0.49186
401408.88 3781428.78 0.50550 401428.88
3781428.78 0.52101
401448.88 3781428.78 0.53876 401468.88
3781428.78 0.55633
401488.88 3781428.78 0.57433 401508.88
3781428.78 0.59450
401528.88 3781428.78 0.61481 401548.88
3781428.78 0.63782
401568.88 3781428.78 0.66014 401588.88
3781428.78 0.68387
401608.88 3781428.78 0.71064 401628.88
3781428.78 0.73852
401648.88 3781428.78 0.76798 401668.88
3781428.78 0.79959
401688.88 3781428.78 0.83423 401708.88
3781428.78 0.87082
401728.88 3781428.78 0.90974 401748.88
3781428.78 0.95179
401768.88 3781428.78 0.99719 401788.88
3781428.78 1.04612
401808.88 3781428.78 1.09903 401828.88
3781428.78 1.15661
401848.88 3781428.78 1.21891 401868.88
3781428.78 1.28604
401888.88 3781428.78 1.36062 401908.88
3781428.78 1.44151
401928.88 3781428.78 1.53136 401948.88
3781428.78 1.62907
401968.88 3781428.78 1.72921 401988.88
3781428.78 1.83891
402008.88 3781428.78 1.95064 402028.88
3781428.78 2.07603
402048.88 3781428.78 2.20966 402068.88
3781428.78 2.34482

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***

INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402088.88	3781428.78	2.49200	402108.88	3781428.78	2.64953
402128.88	3781428.78	2.80085	402148.88	3781428.78	2.95156
402168.88	3781428.78	3.08464	402188.88	3781428.78	3.20671
402208.88	3781428.78	3.33129	402228.88	3781428.78	3.45074
402248.88	3781428.78	3.56371	402268.88	3781428.78	3.67478
402288.88	3781428.78	3.76976	402308.88	3781428.78	3.85038
402328.88	3781428.78	3.92890	402348.88	3781428.78	3.98505
402368.88	3781428.78	4.02812	402388.88	3781428.78	4.09025
402408.88	3781428.78	4.14603	402428.88	3781428.78	4.19921
402448.88	3781428.78	4.23164	402468.88	3781428.78	4.22201
402488.88	3781428.78	4.26028	402508.88	3781428.78	4.30262
401308.88	3781448.78	0.43186	401328.88	3781448.78	0.44472
401348.88	3781448.78	0.45739	401368.88	3781448.78	0.47514
401388.88	3781448.78	0.48857	401408.88	3781448.78	0.50179

401428.88 3781448.78 0.51850 401448.88
3781448.78 0.53685
401468.88 3781448.78 0.55579 401488.88
3781448.78 0.57311
401508.88 3781448.78 0.59483 401528.88
3781448.78 0.61565
401548.88 3781448.78 0.63929 401568.88
3781448.78 0.66211
401588.88 3781448.78 0.68651 401608.88
3781448.78 0.71430
401628.88 3781448.78 0.74250 401648.88
3781448.78 0.77328
401668.88 3781448.78 0.80597 401688.88
3781448.78 0.84124
401708.88 3781448.78 0.87948 401728.88
3781448.78 0.92053
401748.88 3781448.78 0.96480 401768.88
3781448.78 1.01304
401788.88 3781448.78 1.06503 401808.88
3781448.78 1.12133
401828.88 3781448.78 1.18282 401848.88
3781448.78 1.25070
401868.88 3781448.78 1.32406 401888.88
3781448.78 1.40597
401908.88 3781448.78 1.49522 401928.88
3781448.78 1.59509
401948.88 3781448.78 1.69994 401968.88
3781448.78 1.81850
401988.88 3781448.78 1.94299 402008.88
3781448.78 2.08046
402028.88 3781448.78 2.23384 402048.88
3781448.78 2.39365
402068.88 3781448.78 2.56189 402088.88
3781448.78 2.73835
402108.88 3781448.78 2.92409 402128.88
3781448.78 3.11592
402148.88 3781448.78 3.30219 402168.88
3781448.78 3.45985
402188.88 3781448.78 3.61322 402208.88
3781448.78 3.75404
402228.88 3781448.78 3.90442 402248.88
3781448.78 4.03843
402268.88 3781448.78 4.16876 402288.88
3781448.78 4.28750
402308.88 3781448.78 4.37481 402328.88
3781448.78 4.46234
402348.88 3781448.78 4.50359 402368.88
3781448.78 4.57394
402388.88 3781448.78 4.64010 402408.88
3781448.78 4.70331

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895
, L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903
, L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911
, L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919
, L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402468.88	3781448.78	4.75850	402488.88	3781448.78	4.81806
402508.88	3781448.78	4.86137	401308.88	3781468.78	0.42681
401328.88	3781468.78	0.43939	401348.88	3781468.78	0.45225
401368.88	3781468.78	0.46951	401388.88	3781468.78	0.48381
401408.88	3781468.78	0.49705	401428.88	3781468.78	0.51357
401448.88	3781468.78	0.53316	401468.88	3781468.78	0.55275
401488.88	3781468.78	0.57097	401508.88	3781468.78	0.59442
401528.88	3781468.78	0.61575	401548.88	3781468.78	0.64015
401568.88	3781468.78	0.66340	401588.88	3781468.78	0.68839
401608.88	3781468.78	0.71733	401628.88		

3781468.78 0.74613
401648.88 3781468.78 0.77715 401668.88
3781468.78 0.81122
401688.88 3781468.78 0.84847 401708.88
3781468.78 0.88783
401728.88 3781468.78 0.93050 401748.88
3781468.78 0.97680
401768.88 3781468.78 1.02738 401788.88
3781468.78 1.08260
401808.88 3781468.78 1.14305 401828.88
3781468.78 1.20962
401848.88 3781468.78 1.28281 401868.88
3781468.78 1.36272
401888.88 3781468.78 1.45270 401908.88
3781468.78 1.55174
401928.88 3781468.78 1.65768 401948.88
3781468.78 1.77973
401968.88 3781468.78 1.91651 401988.88
3781468.78 2.06450
402008.88 3781468.78 2.22772 402028.88
3781468.78 2.41061
402048.88 3781468.78 2.60688 402068.88
3781468.78 2.81345
402088.88 3781468.78 3.03859 402108.88
3781468.78 3.27306
402128.88 3781468.78 3.51173 402148.88
3781468.78 3.73467
402168.88 3781468.78 3.94993 402188.88
3781468.78 4.14030
402208.88 3781468.78 4.30268 402228.88
3781468.78 4.49291
402248.88 3781468.78 4.65376 402268.88
3781468.78 4.80458
402288.88 3781468.78 4.95162 402308.88
3781468.78 5.07050
402328.88 3781468.78 5.17021 402348.88
3781468.78 5.22326
402368.88 3781468.78 5.30022 402388.88
3781468.78 5.38430
402408.88 3781468.78 5.44819 402428.88
3781468.78 5.47119
402448.88 3781468.78 5.46329 402468.88
3781468.78 5.44122
402488.88 3781468.78 5.49233 402508.88
3781468.78 5.52777
401308.88 3781488.78 0.41982 401328.88
3781488.78 0.43305
401348.88 3781488.78 0.44579 401368.88
3781488.78 0.46321
401388.88 3781488.78 0.47691 401408.88

3781488.78 0.49062
401428.88 3781488.78 0.50759 401448.88
3781488.78 0.52695
401468.88 3781488.78 0.54755 401488.88
3781488.78 0.56596
401508.88 3781488.78 0.59141 401528.88
3781488.78 0.61343
401548.88 3781488.78 0.64040 401568.88
3781488.78 0.66422
401588.88 3781488.78 0.69027 401608.88
3781488.78 0.71959

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401628.88	3781488.78	0.74953	401648.88	3781488.78	0.78168
401668.88	3781488.78	0.81673	401688.88	3781488.78	0.85442
401708.88	3781488.78	0.89527	401728.88	3781488.78	0.93977
401748.88	3781488.78	0.98814	401768.88	3781488.78	1.04102
401788.88	3781488.78	1.09924	401808.88	3781488.78	1.16335

401828.88 3781488.78 1.23433 401848.88
3781488.78 1.31288
401868.88 3781488.78 1.40051 401888.88
3781488.78 1.49987
401908.88 3781488.78 1.60977 401928.88
3781488.78 1.73172
401948.88 3781488.78 1.87043 401968.88
3781488.78 2.02752
401988.88 3781488.78 2.20795 402008.88
3781488.78 2.39717
402028.88 3781488.78 2.61888 402048.88
3781488.78 2.86275
402068.88 3781488.78 3.12595 402088.88
3781488.78 3.40833
402108.88 3781488.78 3.71899 402128.88
3781488.78 4.01097
402148.88 3781488.78 4.37708 402168.88
3781488.78 4.66293
402188.88 3781488.78 4.91392 402208.88
3781488.78 5.04025
402228.88 3781488.78 5.25740 402248.88
3781488.78 5.47616
402268.88 3781488.78 5.68613 402288.88
3781488.78 5.91448
402308.88 3781488.78 6.03046 402328.88
3781488.78 6.15190
402348.88 3781488.78 6.23307 402368.88
3781488.78 6.34393
402388.88 3781488.78 6.46736 402408.88
3781488.78 6.52042
402428.88 3781488.78 6.49508 402448.88
3781488.78 6.50962
402468.88 3781488.78 6.49181 402488.88
3781488.78 6.44113
402508.88 3781488.78 6.58657 401308.88
3781508.78 0.41492
401328.88 3781508.78 0.42774 401348.88
3781508.78 0.44011
401368.88 3781508.78 0.45624 401388.88
3781508.78 0.47055
401408.88 3781508.78 0.48431 401428.88
3781508.78 0.50009
401448.88 3781508.78 0.51924 401468.88
3781508.78 0.54087
401488.88 3781508.78 0.55843 401508.88
3781508.78 0.58356
401528.88 3781508.78 0.60523 401548.88
3781508.78 0.63848
401568.88 3781508.78 0.66342 401588.88
3781508.78 0.69116

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         401608.88    3781508.78        0.72053                      401628.88
3781508.78        0.75158
         401648.88    3781508.78        0.78461                      401668.88
3781508.78        0.82056
         401688.88    3781508.78        0.85969                      401708.88
3781508.78        0.90157
         401728.88    3781508.78        0.94707                      401748.88
3781508.78        0.99807
         401768.88    3781508.78        1.05333                      401788.88
3781508.78        1.11450
         401808.88    3781508.78        1.18211                      401828.88
3781508.78        1.25721
         401848.88    3781508.78        1.34193                      401868.88
3781508.78        1.43728
         401888.88    3781508.78        1.54515                      401908.88
3781508.78        1.66663
         401928.88    3781508.78        1.79879                      401948.88
3781508.78        1.95617
         401968.88    3781508.78        2.14067                      401988.88
3781508.78        2.34786
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 194
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         402008.88    3781508.78        2.58763                      402028.88
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3781508.78 2.86164
402048.88 3781508.78 3.16985 402068.88
3781508.78 3.52131
402088.88 3781508.78 3.89855 402108.88
3781508.78 4.30122
402128.88 3781508.78 4.71331 402148.88
3781508.78 5.16048
402168.88 3781508.78 5.52238 402188.88
3781508.78 5.86598
402208.88 3781508.78 6.05384 402228.88
3781508.78 6.35194
402248.88 3781508.78 6.63313 402268.88
3781508.78 6.88924
402288.88 3781508.78 7.17783 402308.88
3781508.78 7.44082
402328.88 3781508.78 7.56999 402348.88
3781508.78 7.73506
402368.88 3781508.78 7.90234 402388.88
3781508.78 7.99981
402408.88 3781508.78 8.05921 402428.88
3781508.78 7.99480
402448.88 3781508.78 7.93605 402468.88
3781508.78 7.95508
402488.88 3781508.78 7.90527 402508.88
3781508.78 7.98364
401308.88 3781528.78 0.40965 401328.88
3781528.78 0.42169
401348.88 3781528.78 0.43363 401368.88
3781528.78 0.44904
401388.88 3781528.78 0.46467 401408.88
3781528.78 0.47809
401428.88 3781528.78 0.49382 401448.88
3781528.78 0.51298
401468.88 3781528.78 0.53305 401488.88
3781528.78 0.55181
401508.88 3781528.78 0.57720 401528.88
3781528.78 0.60022
401548.88 3781528.78 0.63299 401568.88
3781528.78 0.65884
401588.88 3781528.78 0.68712 401608.88
3781528.78 0.72060
401628.88 3781528.78 0.75305 401648.88
3781528.78 0.78662
401668.88 3781528.78 0.82320 401688.88
3781528.78 0.86321
401708.88 3781528.78 0.90638 401728.88
3781528.78 0.95331
401748.88 3781528.78 1.00647 401768.88
3781528.78 1.06396
401788.88 3781528.78 1.12778 401808.88

3781528.78   1.19915
         401828.88   3781528.78   1.27872   401848.88
3781528.78   1.36901
         401868.88   3781528.78   1.47205   401888.88
3781528.78   1.58938
         401908.88   3781528.78   1.72275   401928.88
3781528.78   1.87935
         401948.88   3781528.78   2.06230   401968.88
3781528.78   2.27343
         401988.88   3781528.78   2.52415   402008.88
3781528.78   2.80359
         402028.88   3781528.78   3.14646   402048.88
3781528.78   3.54652
         402068.88   3781528.78   4.01984   402088.88
3781528.78   4.54862
         402108.88   3781528.78   5.13121   402128.88
3781528.78   5.72802
         402148.88   3781528.78   6.29374   402168.88
3781528.78   6.78820
         402188.88   3781528.78   7.24063   402208.88
3781528.78   7.55741
         402228.88   3781528.78   8.05202   402248.88
3781528.78   8.50669
         402268.88   3781528.78   8.96315   402288.88
3781528.78   9.41653
         402308.88   3781528.78   9.71967   402328.88
3781528.78   9.97216
         402348.88   3781528.78   10.60645   402368.88
3781528.78   10.47700

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
                                    INCLUDING SOURCE(S):   L0000894   , L0000895 , L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903 , L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911 , L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919 , L0000920   , L0000921   , . . .   ,

                                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402388.88	3781528.78	10.60632	402408.88	3781528.78	10.65135
402428.88	3781528.78	10.67732	402448.88	3781528.78	10.60758
402468.88	3781528.78	11.08942	402488.88	3781528.78	10.94735
402508.88	3781528.78	10.16934	401308.88	3781548.78	0.40299
401328.88	3781548.78	0.41315	401348.88	3781548.78	0.42627
401368.88	3781548.78	0.44153	401388.88	3781548.78	0.45746
401408.88	3781548.78	0.47085	401428.88	3781548.78	0.48626
401448.88	3781548.78	0.50492	401468.88	3781548.78	0.52572
401488.88	3781548.78	0.54412	401508.88	3781548.78	0.57202
401528.88	3781548.78	0.59310	401548.88	3781548.78	0.62514
401568.88	3781548.78	0.65167	401588.88	3781548.78	0.67967
401608.88	3781548.78	0.70879	401628.88	3781548.78	0.74220
401648.88	3781548.78	0.78187	401668.88	3781548.78	0.82194
401688.88	3781548.78	0.86496	401708.88	3781548.78	0.91007
401728.88	3781548.78	0.95857	401748.88	3781548.78	1.01284
401768.88	3781548.78	1.07200	401788.88	3781548.78	1.13848
401808.88	3781548.78	1.21318	401828.88	3781548.78	1.29751
401848.88	3781548.78	1.39346	401868.88	3781548.78	1.50320
401888.88	3781548.78	1.63010	401908.88	3781548.78	1.77606
401928.88	3781548.78	1.94901	401948.88	3781548.78	2.15307
401968.88	3781548.78	2.39552	401988.88	3781548.78	2.68881

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         402008.88    3781548.78        3.04307                       402028.88
3781548.78        3.48784
         402048.88    3781548.78        4.02629                       402068.88
3781548.78        4.67379
         402088.88    3781548.78        5.43884                       402108.88
3781548.78        6.35934
         402128.88    3781548.78        7.29286                       402148.88
3781548.78        8.17059
         402168.88    3781548.78        8.94430                       402188.88
3781548.78        9.49975
         402208.88    3781548.78        9.96377                       402228.88
3781548.78       10.67028
         402248.88    3781548.78       11.39252                       402268.88
3781548.78       12.32116
         402288.88    3781548.78       13.36795                       402308.88
3781548.78       13.97000
         402328.88    3781548.78       14.58982                       402348.88
3781548.78       15.86055
         402368.88    3781548.78       15.29845                       402388.88
3781548.78       15.81623
         402408.88    3781548.78       15.78808                       402428.88
3781548.78       15.71245
         402448.88    3781548.78       15.42719                       402468.88
3781548.78       15.67669
         402488.88    3781548.78       15.99081                       402508.88
3781548.78       15.05838
         401308.88    3781568.78        0.39430                       401328.88
3781568.78        0.40254
         401348.88    3781568.78        0.41648                       401368.88
3781568.78        0.43287
         401388.88    3781568.78        0.44749                       401408.88
3781568.78        0.46267
         401428.88    3781568.78        0.47800                       401448.88
3781568.78        0.49674
         401468.88    3781568.78        0.51704                       401488.88
3781568.78        0.53662
         401508.88    3781568.78        0.56390                       401528.88
3781568.78        0.58662
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                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK     ***
                                   INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
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L0000899 , L0000900 , L0000901 , L0000902 , L0000903
, L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911
, L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919
, L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401548.88	3781568.78	0.61617	401568.88	3781568.78	0.64199
401588.88	3781568.78	0.67064	401608.88	3781568.78	0.70088
401628.88	3781568.78	0.73385	401648.88	3781568.78	0.77899
401668.88	3781568.78	0.82355	401688.88	3781568.78	0.86526
401708.88	3781568.78	0.91127	401728.88	3781568.78	0.95893
401748.88	3781568.78	1.01650	401768.88	3781568.78	1.07711
401788.88	3781568.78	1.14572	401808.88	3781568.78	1.22338
401828.88	3781568.78	1.31158	401848.88	3781568.78	1.41257
401868.88	3781568.78	1.52924	401888.88	3781568.78	1.66530
401908.88	3781568.78	1.82444	401928.88	3781568.78	2.01271
401948.88	3781568.78	2.24397	401968.88	3781568.78	2.52444
401988.88	3781568.78	2.87085	402008.88	3781568.78	3.30115
402028.88	3781568.78	3.86696	402048.88	3781568.78	4.61672
402068.88	3781568.78	5.53581	402088.88	3781568.78	6.77658
402108.88	3781568.78	8.35546	402128.88	3781568.78	10.06467
402148.88	3781568.78	11.65140	402168.88	3781568.78	12.88070
402188.88	3781568.78	13.80629	402208.88		

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3781568.78       14.33825
         402228.88    3781568.78       15.48950                      402248.88
3781568.78       16.95275
         402268.88    3781568.78       19.50420                      402288.88
3781568.78       22.56490
         402308.88    3781568.78       24.71288                      402328.88
3781568.78       26.82553
         402348.88    3781568.78       29.05445                      402368.88
3781568.78       28.78335
         402388.88    3781568.78       28.74904                      402408.88
3781568.78       28.84048
         402428.88    3781568.78       29.40894                      402448.88
3781568.78       28.67370
         402468.88    3781568.78       27.87488                      402488.88
3781568.78       29.02820
         402508.88    3781568.78       28.87326                      401308.88
3781588.78        0.38285
         401328.88    3781588.78        0.39359                      401348.88
3781588.78        0.40483
         401368.88    3781588.78        0.42347                      401388.88
3781588.78        0.43772
         401408.88    3781588.78        0.44741                      401428.88
3781588.78        0.46430
         401448.88    3781588.78        0.48406                      401468.88
3781588.78        0.50613
         401488.88    3781588.78        0.52084                      401508.88
3781588.78        0.55032
         401528.88    3781588.78        0.57597                      401548.88
3781588.78        0.60520
         401568.88    3781588.78        0.63015                      401588.88
3781588.78        0.65759
         401608.88    3781588.78        0.69267                      401628.88
3781588.78        0.73015
         401648.88    3781588.78        0.76745                      401668.88
3781588.78        0.81284
         401688.88    3781588.78        0.85670                      401708.88
3781588.78        0.90363
         401728.88    3781588.78        0.95250                      401748.88
3781588.78        1.01078
         401768.88    3781588.78        1.07122                      401788.88
3781588.78        1.13947
         401808.88    3781588.78        1.21745                      401828.88
3781588.78        1.30840
         401848.88    3781588.78        1.41763                      401868.88
3781588.78        1.54609
         401888.88    3781588.78        1.68983                      401908.88
3781588.78        1.86406
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***

INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401928.88	3781588.78	2.06952	401948.88	3781588.78	2.32403
401968.88	3781588.78	2.64249	401988.88	3781588.78	3.04747
402008.88	3781588.78	3.57956	402028.88	3781588.78	4.29369
402048.88	3781588.78	5.27060	402068.88	3781588.78	6.69858
402088.88	3781588.78	8.81718	402108.88	3781588.78	11.99814
402128.88	3781588.78	16.31148	402148.88	3781588.78	20.39887
402168.88	3781588.78	22.90074	402188.88	3781588.78	24.19943
402208.88	3781588.78	24.96042	402228.88	3781588.78	27.38066
402248.88	3781588.78	32.77120	402268.88	3781588.78	42.99289
402288.88	3781588.78	50.92942	402308.88	3781588.78	49.16473
402328.88	3781588.78	44.27056	402348.88	3781588.78	48.67236
402368.88	3781588.78	48.70245	402388.88	3781588.78	43.74031

402408.88 3781588.78 49.77567 402428.88
3781588.78 43.43684
402448.88 3781588.78 48.33479 402468.88
3781588.78 47.26961
402488.88 3781588.78 46.54767 402508.88
3781588.78 45.88981
401308.88 3781608.78 0.37453 401328.88
3781608.78 0.38447
401348.88 3781608.78 0.39575 401368.88
3781608.78 0.41222
401388.88 3781608.78 0.42321 401408.88
3781608.78 0.43581
401428.88 3781608.78 0.45314 401448.88
3781608.78 0.47505
401468.88 3781608.78 0.49455 401488.88
3781608.78 0.51011
401508.88 3781608.78 0.53796 401528.88
3781608.78 0.56103
401548.88 3781608.78 0.59362 401568.88
3781608.78 0.61990
401588.88 3781608.78 0.64765 401608.88
3781608.78 0.68158
401628.88 3781608.78 0.71760 401648.88
3781608.78 0.75638
401668.88 3781608.78 0.80995 401688.88
3781608.78 0.84821
401708.88 3781608.78 0.89284 401728.88
3781608.78 0.94628
401748.88 3781608.78 0.99461 401768.88
3781608.78 1.05622
401788.88 3781608.78 1.12779 401808.88
3781608.78 1.20883
401828.88 3781608.78 1.30560 401848.88
3781608.78 1.41286
401868.88 3781608.78 1.54472 401888.88
3781608.78 1.69403
401908.88 3781608.78 1.87556 401928.88
3781608.78 2.10583
401948.88 3781608.78 2.38349 401968.88
3781608.78 2.74061
401988.88 3781608.78 3.20902 402008.88
3781608.78 3.84665
402028.88 3781608.78 4.74693 402048.88
3781608.78 6.09270
402068.88 3781608.78 8.24979 402088.88
3781608.78 12.00021
402108.88 3781608.78 20.02472 402128.88
3781608.78 38.02676
402148.88 3781608.78 53.80921 402168.88
3781608.78 48.05284

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                  INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                  L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                  L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                  L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         402308.88   3781608.78   21.21042   402328.88
3781608.78   19.31869
         402348.88   3781608.78   25.84942   402368.88
3781608.78   25.76569
         402388.88   3781608.78   25.54346   402408.88
3781608.78   25.21787
         402428.88   3781608.78   24.99819   402448.88
3781608.78   25.07815
         402468.88   3781608.78   24.87399   402488.88
3781608.78   24.57661
         402508.88   3781608.78   24.16475   401308.88
3781628.78   0.36635
         401328.88   3781628.78   0.37604   401348.88
3781628.78   0.38667
         401368.88   3781628.78   0.40063   401388.88

3781628.78 0.41294
401408.88 3781628.78 0.42588 401428.88
3781628.78 0.44281
401448.88 3781628.78 0.46159 401468.88
3781628.78 0.48258
401488.88 3781628.78 0.49900 401508.88
3781628.78 0.52884
401528.88 3781628.78 0.54908 401548.88
3781628.78 0.58219
401568.88 3781628.78 0.60762 401588.88
3781628.78 0.63340
401608.88 3781628.78 0.66175 401628.88
3781628.78 0.70354
401648.88 3781628.78 0.74018 401668.88
3781628.78 0.78330
401688.88 3781628.78 0.82977 401708.88
3781628.78 0.87181
401728.88 3781628.78 0.92216 401748.88
3781628.78 0.97400
401768.88 3781628.78 1.03429 401788.88
3781628.78 1.10182
402128.88 3781628.78 53.51061 402148.88
3781628.78 34.01139
402168.88 3781628.78 29.29222 402188.88
3781628.78 28.46274
402208.88 3781628.78 27.98290 402228.88
3781628.78 26.30321
402248.88 3781628.78 23.16955 402268.88
3781628.78 20.04623
402288.88 3781628.78 13.39232 402308.88
3781628.78 10.69885
402328.88 3781628.78 11.00581 402348.88
3781628.78 15.25220
402368.88 3781628.78 15.30915 402388.88
3781628.78 13.16787
402408.88 3781628.78 12.80182 402428.88
3781628.78 14.69347
402448.88 3781628.78 14.88759 402468.88
3781628.78 14.87359
402488.88 3781628.78 14.88910 402508.88
3781628.78 14.76143
401308.88 3781648.78 0.35693 401328.88
3781648.78 0.36757
401348.88 3781648.78 0.37796 401368.88
3781648.78 0.38926
401388.88 3781648.78 0.40300 401408.88
3781648.78 0.41721
401428.88 3781648.78 0.43307 401448.88
3781648.78 0.44972
401468.88 3781648.78 0.46933 401488.88

3781648.78   0.49064
        401508.88   3781648.78   0.51534   401528.88
3781648.78   0.54187
        401548.88   3781648.78   0.56991   401568.88
3781648.78   0.59657
        401588.88   3781648.78   0.62854   401608.88
3781648.78   0.65611
        401628.88   3781648.78   0.69799   401648.88
3781648.78   0.73108
        401668.88   3781648.78   0.76845   401688.88
3781648.78   0.81237
        401708.88   3781648.78   0.85374   401728.88
3781648.78   0.90331
        401748.88   3781648.78   0.95206   401768.88
3781648.78   1.01290

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
INCLUDING SOURCE(S):   L0000894   , L0000895   , L0000896   , L0000897   , L0000898   ,
L0000899   , L0000900   , L0000901   , L0000902   , L0000903   , L0000904   , L0000905   , L0000906   ,
L0000907   , L0000908   , L0000909   , L0000910   , L0000911   , L0000912   , L0000913   , L0000914   ,
L0000915   , L0000916   , L0000917   , L0000918   , L0000919   , L0000920   , L0000921   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401788.88	3781648.78	1.07709	402108.88	3781648.78	44.35974
402128.88	3781648.78	29.89659	402148.88	3781648.78	19.54525
402168.88	3781648.78	16.61875	402188.88	3781648.78	15.83488

402208.88 3781648.78 15.25940 402228.88
3781648.78 14.62232
402248.88 3781648.78 13.76708 402268.88
3781648.78 9.26640
402288.88 3781648.78 7.82025 402308.88
3781648.78 7.76300
402328.88 3781648.78 9.37422 402348.88
3781648.78 10.88672
402368.88 3781648.78 10.92321 402388.88
3781648.78 9.00173
402408.88 3781648.78 8.58893 402428.88
3781648.78 9.98573
402448.88 3781648.78 10.12678 402468.88
3781648.78 10.40880
402488.88 3781648.78 10.57024 402508.88
3781648.78 10.70628
401308.88 3781668.78 0.34789 401328.88
3781668.78 0.35730
401348.88 3781668.78 0.36721 401368.88
3781668.78 0.37782
401388.88 3781668.78 0.39076 401408.88
3781668.78 0.40569
401428.88 3781668.78 0.42051 401448.88
3781668.78 0.43655
401468.88 3781668.78 0.45709 401488.88
3781668.78 0.47812
401508.88 3781668.78 0.50200 401528.88
3781668.78 0.52509
401548.88 3781668.78 0.55636 401568.88
3781668.78 0.57796
401588.88 3781668.78 0.60936 401608.88
3781668.78 0.63634
401628.88 3781668.78 0.67889 401648.88
3781668.78 0.71370
401668.88 3781668.78 0.74666 401688.88
3781668.78 0.78822
401708.88 3781668.78 0.82345 401728.88
3781668.78 0.87436
401748.88 3781668.78 0.91655 401768.88
3781668.78 0.97290
401788.88 3781668.78 1.04141 402108.88
3781668.78 40.58774
402128.88 3781668.78 19.33226 402148.88
3781668.78 13.50757
402168.88 3781668.78 11.37478 402188.88
3781668.78 10.18747
402208.88 3781668.78 9.73724 402228.88
3781668.78 10.17917
402248.88 3781668.78 9.36365 402268.88
3781668.78 6.55035

```
         402288.88    3781668.78        5.97795                      402308.88
3781668.78        5.81681
         402328.88    3781668.78        7.16869                      402348.88
3781668.78        7.96009
         402368.88    3781668.78        8.22175                      402388.88
3781668.78        7.75654
         402408.88    3781668.78        6.94198                      402428.88
3781668.78        7.62591
         402448.88    3781668.78        7.77610                      402468.88
3781668.78        7.93541
         402488.88    3781668.78        7.96965                      402508.88
3781668.78        8.10632
         401308.88    3781688.78        0.34178                      401328.88
3781688.78        0.35055
         401348.88    3781688.78        0.36045                      401368.88
3781688.78        0.37050
         401388.88    3781688.78        0.38299                      401408.88
3781688.78        0.39790
         401428.88    3781688.78        0.41436                      401448.88
3781688.78        0.43040
         401468.88    3781688.78        0.44940                      401488.88
3781688.78        0.46989
         401508.88    3781688.78        0.49357                      401528.88
3781688.78        0.51599
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 200
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
```

Y-COORD (M)   CONC
- -

401548.88   3781688.78   0.54175   401568.88
3781688.78   0.56848
401588.88   3781688.78   0.59816   401608.88
3781688.78   0.62717
401628.88   3781688.78   0.65877   401648.88
3781688.78   0.69067
401668.88   3781688.78   0.72652   401688.88
3781688.78   0.76349
401708.88   3781688.78   0.80035   401728.88
3781688.78   0.84109
401748.88   3781688.78   0.87578   401768.88
3781688.78   0.93032
401788.88   3781688.78   0.99879   402088.88
3781688.78   35.57590
402108.88   3781688.78   22.87948   402128.88
3781688.78   13.28270
402148.88   3781688.78   9.91293   402168.88
3781688.78   8.47821
402188.88   3781688.78   7.72397   402208.88
3781688.78   7.53965
402228.88   3781688.78   7.01388   402248.88
3781688.78   6.13668
402268.88   3781688.78   5.88186   402288.88
3781688.78   4.58308
402308.88   3781688.78   4.62651   402328.88
3781688.78   5.12481
402348.88   3781688.78   5.84940   402368.88
3781688.78   6.52528
402388.88   3781688.78   6.02259   402408.88
3781688.78   5.90248
402428.88   3781688.78   6.07349   402448.88
3781688.78   6.20069
402468.88   3781688.78   6.28963   402488.88
3781688.78   6.32753
402508.88   3781688.78   6.32853   401308.88
3781708.78   0.32435
401328.88   3781708.78   0.33135   401348.88
3781708.78   0.34123
401368.88   3781708.78   0.35129   401388.88
3781708.78   0.36441
401408.88   3781708.78   0.37831   401428.88
3781708.78   0.39260
401448.88   3781708.78   0.40930   401468.88
3781708.78   0.42633
401488.88   3781708.78   0.44610   401508.88
3781708.78   0.46729
401528.88   3781708.78   0.49708   401548.88

3781708.78   0.52826
         401568.88   3781708.78   0.55483   401588.88
3781708.78   0.58338
         401608.88   3781708.78   0.60855   401628.88
3781708.78   0.63386
         401648.88   3781708.78   0.66239   401668.88
3781708.78   0.68799
         401688.88   3781708.78   0.73196   401708.88
3781708.78   0.75696
         401728.88   3781708.78   0.80245   401748.88
3781708.78   0.83123
         401768.88   3781708.78   0.87533   401788.88
3781708.78   0.94599
         402088.88   3781708.78   18.98112   402108.88
3781708.78   12.51124
         402128.88   3781708.78   8.73446   402148.88
3781708.78   6.96692
         402168.88   3781708.78   6.06304   402188.88
3781708.78   5.68317
         402208.88   3781708.78   5.86382   402228.88
3781708.78   5.21320
         402248.88   3781708.78   4.17811   402268.88
3781708.78   5.04298
         402288.88   3781708.78   3.76112   402308.88
3781708.78   3.62757
         402328.88   3781708.78   3.81273   402348.88
3781708.78   4.90506
         402368.88   3781708.78   5.27410   402388.88
3781708.78   4.71758
         402408.88   3781708.78   4.97685   402428.88
3781708.78   4.92166
         402448.88   3781708.78   4.92455   402468.88
3781708.78   5.09252

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
                                 INCLUDING SOURCE(S):   L0000894   , L0000895 , L0000896   , L0000897   , L0000898   ,
                    L0000899   , L0000900   , L0000901   , L0000902   , L0000903 , L0000904   , L0000905   , L0000906   ,
                    L0000907   , L0000908   , L0000909   , L0000910   , L0000911 , L0000912   , L0000913   , L0000914   ,
                    L0000915   , L0000916   , L0000917   , L0000918   , L0000919

, L0000920   , L0000921   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402488.88	3781708.78	5.15440	402508.88	3781708.78	5.06534
401308.88	3781728.78	0.31817	401328.88	3781728.78	0.32631
401348.88	3781728.78	0.33678	401368.88	3781728.78	0.34723
401388.88	3781728.78	0.35881	401408.88	3781728.78	0.37237
401428.88	3781728.78	0.38674	401448.88	3781728.78	0.40240
401468.88	3781728.78	0.41937	401488.88	3781728.78	0.43717
401508.88	3781728.78	0.45895	401528.88	3781728.78	0.48824
401548.88	3781728.78	0.51440	401568.88	3781728.78	0.53792
401588.88	3781728.78	0.56676	401608.88	3781728.78	0.58526
401628.88	3781728.78	0.61152	401648.88	3781728.78	0.63488
401668.88	3781728.78	0.66171	401688.88	3781728.78	0.69170
401708.88	3781728.78	0.72717	401728.88	3781728.78	0.76196
401748.88	3781728.78	0.78942	401768.88	3781728.78	0.83271
401788.88	3781728.78	0.89228	402088.88	3781728.78	6.32216
402108.88	3781728.78	5.54228	402128.88	3781728.78	4.66623
402148.88	3781728.78	4.26768	402168.88	3781728.78	3.95986
402188.88	3781728.78	3.80794	402208.88	3781728.78	3.98816
402228.88	3781728.78	3.96442	402248.88	3781728.78	3.56073
402268.88	3781728.78	3.50464	402288.88	3781728.78	3.38269

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         402308.88    3781728.78        2.96218                      402328.88
3781728.78        3.41762
         402348.88    3781728.78        3.70140                      402368.88
3781728.78        4.16654
         402388.88    3781728.78        3.96730                      402408.88
3781728.78        4.18697
         402428.88    3781728.78        4.13953                      402448.88
3781728.78        4.11821
         402468.88    3781728.78        4.14265                      402488.88
3781728.78        4.20516
         402508.88    3781728.78        4.16081                      401308.88
3781748.78        0.31087
         401328.88    3781748.78        0.31923                      401348.88
3781748.78        0.32910
         401368.88    3781748.78        0.33919                      401388.88
3781748.78        0.35075
         401408.88    3781748.78        0.36353                      401428.88
3781748.78        0.37673
         401448.88    3781748.78        0.39349                      401468.88
3781748.78        0.40801
         401488.88    3781748.78        0.42545                      401508.88
3781748.78        0.44653
         401528.88    3781748.78        0.47239                      401548.88
3781748.78        0.49930
         401568.88    3781748.78        0.51974                      401588.88
3781748.78        0.54448
         401608.88    3781748.78        0.55966                      401628.88
3781748.78        0.58210
         401648.88    3781748.78        0.60437                      401668.88
3781748.78        0.62680
         401688.88    3781748.78        0.65147                      401708.88
3781748.78        0.68374
         401728.88    3781748.78        0.71309                      401748.88
3781748.78        0.73582
         401768.88    3781748.78        0.77877                      401788.88
3781748.78        0.83145
         402068.88    3781748.78        3.29936                      402088.88
3781748.78        3.39739
         402108.88    3781748.78        3.45252                      402128.88
3781748.78        4.11257
         402148.88    3781748.78        4.07302                      402168.88
3781748.78        3.89799
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 202
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***

INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402188.88	3781748.78	3.65552	402208.88	3781748.78	3.24795
402228.88	3781748.78	3.02417	402248.88	3781748.78	3.01898
402268.88	3781748.78	2.87673	402288.88	3781748.78	2.67763
402308.88	3781748.78	2.43404	402328.88	3781748.78	2.48187
402348.88	3781748.78	2.99496	402368.88	3781748.78	3.14934
402388.88	3781748.78	3.25358	402408.88	3781748.78	3.32697
402428.88	3781748.78	3.37784	402448.88	3781748.78	3.18750
402468.88	3781748.78	3.42223	402488.88	3781748.78	3.38508
402508.88	3781748.78	3.44028	401308.88	3781768.78	0.30339
401328.88	3781768.78	0.31150	401348.88	3781768.78	0.32098
401368.88	3781768.78	0.32990	401388.88	3781768.78	0.34218
401408.88	3781768.78	0.35338	401428.88	3781768.78	0.36507
401448.88	3781768.78	0.38068	401468.88	3781768.78	0.39446
401488.88	3781768.78	0.41020	401508.88	3781768.78	0.43079
401528.88	3781768.78	0.45930	401548.88		

3781768.78 0.48098
401568.88 3781768.78 0.50270 401588.88
3781768.78 0.52204
401608.88 3781768.78 0.54018 401628.88
3781768.78 0.56028
401648.88 3781768.78 0.57961 401668.88
3781768.78 0.60353
401688.88 3781768.78 0.62535 401708.88
3781768.78 0.64897
401728.88 3781768.78 0.66997 401748.88
3781768.78 0.69345
401768.88 3781768.78 0.73265 401788.88
3781768.78 0.77994
402068.88 3781768.78 2.37159 402088.88
3781768.78 2.35902
402108.88 3781768.78 3.31704 402128.88
3781768.78 3.88976
402148.88 3781768.78 3.89963 402168.88
3781768.78 3.79429
402188.88 3781768.78 3.65879 402208.88
3781768.78 3.15823
402228.88 3781768.78 2.35117 402248.88
3781768.78 2.41285
402268.88 3781768.78 2.31842 402288.88
3781768.78 2.19629
402308.88 3781768.78 2.06185 402328.88
3781768.78 2.00435
402348.88 3781768.78 2.15017 402368.88
3781768.78 2.35602
402388.88 3781768.78 2.52674 402408.88
3781768.78 2.56489
402428.88 3781768.78 2.59132 402448.88
3781768.78 2.76889
402468.88 3781768.78 2.90258 402488.88
3781768.78 2.90916
402508.88 3781768.78 2.95889 401308.88
3781788.78 0.28235
401328.88 3781788.78 0.28938 401348.88
3781788.78 0.29910
401368.88 3781788.78 0.30983 401388.88
3781788.78 0.32035
401408.88 3781788.78 0.33294 401428.88
3781788.78 0.34227
401448.88 3781788.78 0.35826 401468.88
3781788.78 0.37294
401488.88 3781788.78 0.38708 401508.88
3781788.78 0.40712
401528.88 3781788.78 0.43601 401548.88
3781788.78 0.46134
401568.88 3781788.78 0.48232 401588.88

3781788.78 0.49674

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401608.88	3781788.78	0.51215	401628.88	3781788.78	0.52800
401648.88	3781788.78	0.54582	401668.88	3781788.78	0.56125
401688.88	3781788.78	0.56770	401708.88	3781788.78	0.58258
401728.88	3781788.78	0.60488	401748.88	3781788.78	0.61321
401768.88	3781788.78	0.67758	401788.88	3781788.78	0.71913
402068.88	3781788.78	1.81146	402088.88	3781788.78	2.00232
402108.88	3781788.78	2.42807	402128.88	3781788.78	3.17092
402148.88	3781788.78	3.25134	402168.88	3781788.78	3.22106
402188.88	3781788.78	3.17405	402208.88	3781788.78	2.60818
402228.88	3781788.78	1.81446	402248.88	3781788.78	1.89465

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        402268.88    3781788.78        1.84301                    402288.88
3781788.78        1.74541
        402308.88    3781788.78        1.71646                    402328.88
3781788.78        1.69806
        402348.88    3781788.78        1.71821                    402368.88
3781788.78        2.04782
        402388.88    3781788.78        2.26410                    402408.88
3781788.78        2.29846
        402428.88    3781788.78        2.33588                    402448.88
3781788.78        2.42573
        402468.88    3781788.78        2.49074                    402488.88
3781788.78        2.44059
        402508.88    3781788.78        2.44413                    401308.88
3781808.78        0.27584
        401328.88    3781808.78        0.28187                    401348.88
3781808.78        0.29002
        401368.88    3781808.78        0.29872                    401388.88
3781808.78        0.30749
        401408.88    3781808.78        0.31755                    401428.88
3781808.78        0.32985
        401448.88    3781808.78        0.34416                    401468.88
3781808.78        0.35785
        401488.88    3781808.78        0.37204                    401508.88
3781808.78        0.38964
        401528.88    3781808.78        0.41972                    401548.88
3781808.78        0.44236
        401568.88    3781808.78        0.45639                    401588.88
3781808.78        0.47170
        401608.88    3781808.78        0.48705                    401628.88
3781808.78        0.49624
        401648.88    3781808.78        0.48458                    401668.88
3781808.78        0.48825
        401688.88    3781808.78        0.50349                    401708.88
3781808.78        0.52607
        401728.88    3781808.78        0.54730                    401748.88
3781808.78        0.57255
        401768.88    3781808.78        0.59786                    401788.88
3781808.78        0.65974
        402068.88    3781808.78        1.49200                    402088.88
3781808.78        1.56877
        402108.88    3781808.78        1.93724                    402128.88
3781808.78        2.32178
        402148.88    3781808.78        2.76036                    402168.88
3781808.78        2.76896
        402188.88    3781808.78        2.77719                    402208.88
3781808.78        2.24308
        402228.88    3781808.78        1.57145                    402248.88
3781808.78        1.50997
        402268.88    3781808.78        1.57614                    402288.88
3781808.78        1.48645
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         402308.88    3781808.78        1.46998                      402328.88
3781808.78        1.46808
         402348.88    3781808.78        1.49305                      402368.88
3781808.78        1.83949
         402388.88    3781808.78        2.03394                      402408.88
3781808.78        2.05268
         402428.88    3781808.78        2.05519                      402448.88
3781808.78        2.08008
         402468.88    3781808.78        2.14636                      402488.88
3781808.78        2.07527
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 204
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         402508.88    3781808.78        2.07845                      401308.88
3781828.78        0.26984
         401328.88    3781828.78        0.27725                      401348.88
3781828.78        0.28515
         401368.88    3781828.78        0.29334                      401388.88
3781828.78        0.30193
         401408.88    3781828.78        0.31128                      401428.88
3781828.78        0.32167
         401448.88    3781828.78        0.33468                      401468.88
3781828.78        0.34933
         401488.88    3781828.78        0.36490                      401508.88
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3781828.78 0.38228
401528.88 3781828.78 0.40290 401548.88
3781828.78 0.42361
401568.88 3781828.78 0.44102 401588.88
3781828.78 0.45008
401608.88 3781828.78 0.44195 401628.88
3781828.78 0.44080
401648.88 3781828.78 0.45642 401668.88
3781828.78 0.47433
401688.88 3781828.78 0.49323 401708.88
3781828.78 0.51350
401728.88 3781828.78 0.53016 401748.88
3781828.78 0.55818
401768.88 3781828.78 0.57087 401788.88
3781828.78 0.60686
402068.88 3781828.78 1.24323 402088.88
3781828.78 1.30638
402108.88 3781828.78 1.53140 402128.88
3781828.78 1.74006
402148.88 3781828.78 2.18697 402168.88
3781828.78 2.34784
402188.88 3781828.78 2.37995 402208.88
3781828.78 2.03584
402228.88 3781828.78 1.32247 402248.88
3781828.78 1.30610
402268.88 3781828.78 1.32000 402288.88
3781828.78 1.29601
402308.88 3781828.78 1.27307 402328.88
3781828.78 1.26091
402348.88 3781828.78 1.27143 402368.88
3781828.78 1.43745
402388.88 3781828.78 1.74302 402408.88
3781828.78 1.80078
402428.88 3781828.78 1.75107 402448.88
3781828.78 1.76856
402468.88 3781828.78 1.83098 402488.88
3781828.78 1.78928
402508.88 3781828.78 1.80466 401308.88
3781848.78 0.26063
401328.88 3781848.78 0.26716 401348.88
3781848.78 0.27467
401368.88 3781848.78 0.28249 401388.88
3781848.78 0.29111
401408.88 3781848.78 0.30013 401428.88
3781848.78 0.31028
401448.88 3781848.78 0.32206 401468.88
3781848.78 0.33304
401488.88 3781848.78 0.35067 401508.88
3781848.78 0.36417
401528.88 3781848.78 0.38341 401548.88

3781848.78   0.40423
         401568.88   3781848.78   0.40712   401588.88
3781848.78   0.40378
         401608.88   3781848.78   0.41462   401628.88
3781848.78   0.43020
         401648.88   3781848.78   0.44649   401668.88
3781848.78   0.45992
         401688.88   3781848.78   0.47153   401708.88
3781848.78   0.49152
         401728.88   3781848.78   0.51330   401748.88
3781848.78   0.52906
         401768.88   3781848.78   0.54090   401788.88
3781848.78   0.55632
         401908.88   3781848.78   0.72943   401928.88
3781848.78   0.74477
         401948.88   3781848.78   0.75744   401968.88
3781848.78   0.78730
         401988.88   3781848.78   0.82881   402008.88
3781848.78   0.87190

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
INCLUDING SOURCE(S):   L0000894   , L0000895   , L0000896   , L0000897   , L0000898   ,
L0000899   , L0000900   , L0000901   , L0000902   , L0000903   , L0000904   , L0000905   , L0000906   ,
L0000907   , L0000908   , L0000909   , L0000910   , L0000911   , L0000912   , L0000913   , L0000914   ,
L0000915   , L0000916   , L0000917   , L0000918   , L0000919   , L0000920   , L0000921   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
- -
         402028.88   3781848.78   0.91197   402048.88
3781848.78   0.98727

402068.88 3781848.78 1.03139 402088.88
3781848.78 1.10740
402108.88 3781848.78 1.14715 402128.88
3781848.78 1.39620
402148.88 3781848.78 1.52480 402168.88
3781848.78 1.94436
402188.88 3781848.78 2.03406 402208.88
3781848.78 1.92478
402228.88 3781848.78 1.52823 402248.88
3781848.78 1.20997
402268.88 3781848.78 1.12746 402288.88
3781848.78 1.12760
402308.88 3781848.78 1.10411 402328.88
3781848.78 1.11282
402348.88 3781848.78 1.13097 402368.88
3781848.78 1.32087
402388.88 3781848.78 1.54169 402408.88
3781848.78 1.55795
402428.88 3781848.78 1.51718 402448.88
3781848.78 1.54278
402468.88 3781848.78 1.56550 402488.88
3781848.78 1.55972
402508.88 3781848.78 1.56803 401308.88
3781868.78 0.25261
401328.88 3781868.78 0.25725 401348.88
3781868.78 0.26445
401368.88 3781868.78 0.27212 401388.88
3781868.78 0.28016
401408.88 3781868.78 0.28797 401428.88
3781868.78 0.29475
401448.88 3781868.78 0.30619 401468.88
3781868.78 0.31736
401488.88 3781868.78 0.33575 401508.88
3781868.78 0.35275
401528.88 3781868.78 0.36944 401548.88
3781868.78 0.38629
401568.88 3781868.78 0.38650 401588.88
3781868.78 0.39408
401608.88 3781868.78 0.40676 401628.88
3781868.78 0.41833
401648.88 3781868.78 0.42841 401668.88
3781868.78 0.44121
401688.88 3781868.78 0.45308 401708.88
3781868.78 0.44092
401728.88 3781868.78 0.47333 401748.88
3781868.78 0.47806
401768.88 3781868.78 0.48852 401788.88
3781868.78 0.50584
401888.88 3781868.78 0.65203 401908.88
3781868.78 0.65059

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         401928.88    3781868.78        0.67133                      401948.88
3781868.78        0.68886
         401968.88    3781868.78        0.71671                      401988.88
3781868.78        0.74449
         402008.88    3781868.78        0.79639                      402028.88
3781868.78        0.82256
         402048.88    3781868.78        0.85363                      402068.88
3781868.78        0.92036
         402088.88    3781868.78        0.94529                      402108.88
3781868.78        0.97660
         402128.88    3781868.78        1.21221                      402148.88
3781868.78        1.27267
         402168.88    3781868.78        1.33533                      402188.88
3781868.78        1.43330
         402208.88    3781868.78        1.61436                      402228.88
3781868.78        1.38258
         402248.88    3781868.78        1.15030                      402268.88
3781868.78        0.99639
         402288.88    3781868.78        0.98175                      402308.88
3781868.78        0.97252
         402328.88    3781868.78        0.97233                      402348.88
3781868.78        0.99470
         402368.88    3781868.78        1.21090                      402388.88
3781868.78        1.32723
         402408.88    3781868.78        1.30224                      402428.88
3781868.78        1.29678
         402448.88    3781868.78        1.31783                      402468.88
3781868.78        1.34778
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 206
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402488.88	3781868.78	1.32498	402508.88	3781868.78	1.33120
401308.88	3781888.78	0.23638	401328.88	3781888.78	0.24057
401348.88	3781888.78	0.24577	401368.88	3781888.78	0.25112
401388.88	3781888.78	0.25702	401408.88	3781888.78	0.26454
401428.88	3781888.78	0.27221	401448.88	3781888.78	0.28269
401468.88	3781888.78	0.29295	401488.88	3781888.78	0.31515
401508.88	3781888.78	0.32820	401528.88	3781888.78	0.35111
401548.88	3781888.78	0.36855	401568.88	3781888.78	0.37540
401588.88	3781888.78	0.38520	401608.88	3781888.78	0.39294
401628.88	3781888.78	0.40357	401648.88	3781888.78	0.41330
401668.88	3781888.78	0.40472	401688.88	3781888.78	0.39221
401708.88	3781888.78	0.40092	401728.88	3781888.78	0.42373
401748.88	3781888.78	0.45722	401768.88	3781888.78	0.45206
401788.88	3781888.78	0.46535	401808.88	3781888.78	0.47529
401828.88	3781888.78	0.51281	401848.88	3781888.78	0.54853
401868.88	3781888.78	0.57616	401888.88	3781888.78	0.58868
401908.88	3781888.78	0.59644	401928.88	3781888.78	0.60872
401948.88	3781888.78	0.61709	401968.88	3781888.78	0.61963
401988.88	3781888.78	0.64811	402008.88	3781888.78	0.71019
402028.88	3781888.78	0.73719	402048.88	3781888.78	0.74512
402068.88	3781888.78	0.79061	402088.88	3781888.78	0.82398
402108.88	3781888.78	0.86251	402128.88		

3781888.78   0.88471
         402148.88   3781888.78   1.04411   402168.88
3781888.78   1.14772
         402188.88   3781888.78   1.18821   402208.88
3781888.78   1.29956
         402228.88   3781888.78   1.32054   402248.88
3781888.78   1.04051
         402268.88   3781888.78   0.87002   402288.88
3781888.78   0.86614
         402308.88   3781888.78   0.87193   402328.88
3781888.78   0.88298
         402348.88   3781888.78   0.94523   402368.88
3781888.78   1.12479
         402388.88   3781888.78   1.17057   402408.88
3781888.78   1.13198
         402428.88   3781888.78   1.11440   402448.88
3781888.78   1.13217
         402468.88   3781888.78   1.17056   402488.88
3781888.78   1.18244
         402508.88   3781888.78   1.18885   401308.88
3781908.78   0.23286
         401328.88   3781908.78   0.23780   401348.88
3781908.78   0.24292
         401368.88   3781908.78   0.24818   401388.88
3781908.78   0.25363
         401408.88   3781908.78   0.25948   401428.88
3781908.78   0.26605
         401448.88   3781908.78   0.27510   401468.88
3781908.78   0.28689
         401488.88   3781908.78   0.30099   401508.88
3781908.78   0.31918
         401528.88   3781908.78   0.33705   401548.88
3781908.78   0.34771
         401568.88   3781908.78   0.35547   401588.88
3781908.78   0.37022
         401608.88   3781908.78   0.37946   401628.88
3781908.78   0.37518

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
                                 INCLUDING SOURCE(S):   L0000894   , L0000895   , L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903

, L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911
, L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919
, L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401648.88	3781908.78	0.36138	401668.88	3781908.78	0.36719
401688.88	3781908.78	0.37953	401708.88	3781908.78	0.39226
401728.88	3781908.78	0.40512	401748.88	3781908.78	0.42281
401768.88	3781908.78	0.42445	401788.88	3781908.78	0.43222
401808.88	3781908.78	0.44508	401828.88	3781908.78	0.47193
401848.88	3781908.78	0.49036	401868.88	3781908.78	0.52479
401888.88	3781908.78	0.53597	401908.88	3781908.78	0.54795
401928.88	3781908.78	0.54799	401948.88	3781908.78	0.55513
401968.88	3781908.78	0.56458	401988.88	3781908.78	0.58580
402008.88	3781908.78	0.60758	402028.88	3781908.78	0.63615
402048.88	3781908.78	0.65950	402068.88	3781908.78	0.69608
402088.88	3781908.78	0.72722	402108.88	3781908.78	0.75985
402128.88	3781908.78	0.77510	402148.88	3781908.78	0.86637
402168.88	3781908.78	1.00760	402188.88	3781908.78	0.99350
402208.88	3781908.78	1.10249	402228.88	3781908.78	1.13525
402248.88	3781908.78	1.01852	402268.88	3781908.78	0.79857
402288.88	3781908.78	0.76850	402308.88	3781908.78	0.78178

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         402328.88    3781908.78        0.79637                     402348.88
3781908.78        0.83511
         402368.88    3781908.78        0.86093                     402388.88
3781908.78        0.95401
         402408.88    3781908.78        1.01151                     402428.88
3781908.78        1.01465
         402448.88    3781908.78        1.02658                     402468.88
3781908.78        1.02348
         402488.88    3781908.78        1.03396                     402508.88
3781908.78        1.04268
         401308.88    3781928.78        0.22423                     401328.88
3781928.78        0.22945
         401348.88    3781928.78        0.23440                     401368.88
3781928.78        0.24006
         401388.88    3781928.78        0.24514                     401408.88
3781928.78        0.24989
         401428.88    3781928.78        0.25675                     401448.88
3781928.78        0.26291
         401468.88    3781928.78        0.27657                     401488.88
3781928.78        0.28995
         401508.88    3781928.78        0.30865                     401528.88
3781928.78        0.31758
         401548.88    3781928.78        0.33795                     401568.88
3781928.78        0.34364
         401588.88    3781928.78        0.34325                     401608.88
3781928.78        0.33405
         401628.88    3781928.78        0.33771                     401648.88
3781928.78        0.34907
         401668.88    3781928.78        0.36017                     401688.88
3781928.78        0.37249
         401708.88    3781928.78        0.37972                     401728.88
3781928.78        0.38567
         401748.88    3781928.78        0.39106                     401768.88
3781928.78        0.38708
         401788.88    3781928.78        0.39858                     401808.88
3781928.78        0.41772
         401828.88    3781928.78        0.44763                     401848.88
3781928.78        0.46285
         401868.88    3781928.78        0.47939                     401888.88
3781928.78        0.48608
         401908.88    3781928.78        0.49319                     401928.88
3781928.78        0.50200
         401948.88    3781928.78        0.50480                     401968.88
3781928.78        0.50962
         401988.88    3781928.78        0.52101                     402008.88
3781928.78        0.54365
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***

INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402028.88	3781928.78	0.56660	402048.88	3781928.78	0.58887
402068.88	3781928.78	0.62419	402088.88	3781928.78	0.65013
402108.88	3781928.78	0.67946	402128.88	3781928.78	0.69874
402148.88	3781928.78	0.73989	402168.88	3781928.78	0.87541
402188.88	3781928.78	0.91440	402208.88	3781928.78	1.01272
402228.88	3781928.78	0.92670	402248.88	3781928.78	0.92141
402268.88	3781928.78	0.73720	402288.88	3781928.78	0.70158
402308.88	3781928.78	0.71030	402328.88	3781928.78	0.70670
402348.88	3781928.78	0.71016	402368.88	3781928.78	0.71215
402388.88	3781928.78	0.77948	402408.88	3781928.78	0.88451
402428.88	3781928.78	0.88864	402448.88	3781928.78	0.90143
402468.88	3781928.78	0.90384	402488.88	3781928.78	0.91036
402508.88	3781928.78	0.91792	401308.88		

3781948.78 0.22050
401328.88 3781948.78 0.22560 401348.88
3781948.78 0.23046
401368.88 3781948.78 0.23555 401388.88
3781948.78 0.24039
401408.88 3781948.78 0.24515 401428.88
3781948.78 0.25111
401448.88 3781948.78 0.25555 401468.88
3781948.78 0.26262
401488.88 3781948.78 0.27288 401508.88
3781948.78 0.29487
401528.88 3781948.78 0.31402 401548.88
3781948.78 0.30823
401568.88 3781948.78 0.29888 401588.88
3781948.78 0.31131
401608.88 3781948.78 0.31969 401628.88
3781948.78 0.33143
401648.88 3781948.78 0.34293 401668.88
3781948.78 0.35032
401688.88 3781948.78 0.35441 401708.88
3781948.78 0.36040
401728.88 3781948.78 0.37003 401748.88
3781948.78 0.36318
401768.88 3781948.78 0.36413 401788.88
3781948.78 0.37149
401808.88 3781948.78 0.39799 401828.88
3781948.78 0.42544
401848.88 3781948.78 0.43818 401868.88
3781948.78 0.44225
401888.88 3781948.78 0.44810 401908.88
3781948.78 0.45237
401928.88 3781948.78 0.45776 401948.88
3781948.78 0.46036
401968.88 3781948.78 0.46038 401988.88
3781948.78 0.46796
402008.88 3781948.78 0.48978 402028.88
3781948.78 0.51274
402048.88 3781948.78 0.52996 402068.88
3781948.78 0.56402
402088.88 3781948.78 0.58563 402108.88
3781948.78 0.61312
402128.88 3781948.78 0.62598 402148.88
3781948.78 0.63756
402168.88 3781948.78 0.78349 402188.88
3781948.78 0.84403
402208.88 3781948.78 0.85639 402228.88
3781948.78 0.82901
402248.88 3781948.78 0.83455 402268.88
3781948.78 0.72659
402288.88 3781948.78 0.67427 402308.88

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402408.88	3781948.78	0.77925	402428.88	3781948.78	0.78988
402448.88	3781948.78	0.79913	402468.88	3781948.78	0.80329
402488.88	3781948.78	0.80074	402508.88	3781948.78	0.80726
401308.88	3781968.78	0.20109	401328.88	3781968.78	0.20457
401348.88	3781968.78	0.20829	401368.88	3781968.78	0.21182
401388.88	3781968.78	0.21560	401408.88	3781968.78	0.21958
401428.88	3781968.78	0.22410	401448.88	3781968.78	0.23812
401468.88	3781968.78	0.24691	401488.88	3781968.78	0.25189

401508.88 3781968.78 0.28261 401528.88
3781968.78 0.28510
401548.88 3781968.78 0.27994 401568.88
3781968.78 0.29062
401588.88 3781968.78 0.29978 401608.88
3781968.78 0.31187
401628.88 3781968.78 0.32117 401648.88
3781968.78 0.32426
401668.88 3781968.78 0.33522 401688.88
3781968.78 0.34126
401708.88 3781968.78 0.34189 401728.88
3781968.78 0.33334
401748.88 3781968.78 0.33882 401768.88
3781968.78 0.34253
401788.88 3781968.78 0.34809 401808.88
3781968.78 0.37249
401828.88 3781968.78 0.40549 401848.88
3781968.78 0.41613
401868.88 3781968.78 0.41619 401888.88
3781968.78 0.41476
401908.88 3781968.78 0.41609 401928.88
3781968.78 0.41714
401948.88 3781968.78 0.42009 401968.88
3781968.78 0.42701
401988.88 3781968.78 0.43558 402008.88
3781968.78 0.45138
402028.88 3781968.78 0.46758 402048.88
3781968.78 0.48688
402068.88 3781968.78 0.50086 402088.88
3781968.78 0.51608
402108.88 3781968.78 0.55231 402128.88
3781968.78 0.56152
402148.88 3781968.78 0.57863 402168.88
3781968.78 0.71575
402188.88 3781968.78 0.76771 402208.88
3781968.78 0.72695
402228.88 3781968.78 0.73955 402248.88
3781968.78 0.72828
402268.88 3781968.78 0.74706 402288.88
3781968.78 0.71597
402308.88 3781968.78 0.63888 402328.88
3781968.78 0.59943
402348.88 3781968.78 0.58899 402368.88
3781968.78 0.58194
402388.88 3781968.78 0.60745 402408.88
3781968.78 0.69937
402428.88 3781968.78 0.70653 402448.88
3781968.78 0.71263
402468.88 3781968.78 0.71891 402488.88
3781968.78 0.73496

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         402508.88    3781968.78        0.73611                      401308.88
3781988.78        0.19633
         401328.88    3781988.78        0.19967                      401348.88
3781988.78        0.20324
         401368.88    3781988.78        0.20716                      401388.88
3781988.78        0.21118
         401408.88    3781988.78        0.21507                      401428.88
3781988.78        0.22074
         401448.88    3781988.78        0.22880                      401468.88
3781988.78        0.23108
         401488.88    3781988.78        0.24052                      401508.88
3781988.78        0.27261
         401528.88    3781988.78        0.26317                      401548.88
3781988.78        0.27411
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 210
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         401568.88    3781988.78        0.28172                      401588.88
3781988.78        0.28997
         401608.88    3781988.78        0.29567                      401628.88
3781988.78        0.30578
         401648.88    3781988.78        0.31396                      401668.88
3781988.78        0.31189
         401688.88    3781988.78        0.30063                      401708.88
```

3781988.78 0.29539
401728.88 3781988.78 0.30258 401748.88
3781988.78 0.31758
401768.88 3781988.78 0.31669 401788.88
3781988.78 0.32474
401808.88 3781988.78 0.34311 401828.88
3781988.78 0.38387
401848.88 3781988.78 0.39037 401868.88
3781988.78 0.38980
401888.88 3781988.78 0.38464 401908.88
3781988.78 0.38391
401928.88 3781988.78 0.38940 401948.88
3781988.78 0.39619
401968.88 3781988.78 0.40491 401988.88
3781988.78 0.41403
402008.88 3781988.78 0.42537 402028.88
3781988.78 0.43695
402048.88 3781988.78 0.45748 402068.88
3781988.78 0.46798
402088.88 3781988.78 0.47829 402108.88
3781988.78 0.49217
402128.88 3781988.78 0.51197 402148.88
3781988.78 0.54462
402168.88 3781988.78 0.65031 402188.88
3781988.78 0.67606
402208.88 3781988.78 0.65814 402228.88
3781988.78 0.65767
402248.88 3781988.78 0.64117 402268.88
3781988.78 0.62258
402288.88 3781988.78 0.60450 402308.88
3781988.78 0.56887
402328.88 3781988.78 0.53264 402348.88
3781988.78 0.53787
402368.88 3781988.78 0.53386 402388.88
3781988.78 0.54980
402408.88 3781988.78 0.64034 402428.88
3781988.78 0.65223
402448.88 3781988.78 0.64601 402468.88
3781988.78 0.65185
402488.88 3781988.78 0.65539 402508.88
3781988.78 0.66035
401308.88 3782008.78 0.19144 401328.88
3782008.78 0.19461
401348.88 3782008.78 0.19825 401368.88
3782008.78 0.20087
401388.88 3782008.78 0.20381 401408.88
3782008.78 0.20786
401428.88 3782008.78 0.21405 401448.88
3782008.78 0.21803
401468.88 3782008.78 0.22033 401488.88

3782008.78   0.23471
         401508.88   3782008.78   0.25687   401528.88
3782008.78   0.25834
         401548.88   3782008.78   0.26277   401568.88
3782008.78   0.26965
         401588.88   3782008.78   0.27732   401608.88
3782008.78   0.28527
         401628.88   3782008.78   0.28468   401648.88
3782008.78   0.27559
         401668.88   3782008.78   0.26950   401688.88
3782008.78   0.27223
         401708.88   3782008.78   0.27931   401728.88
3782008.78   0.29319
         401748.88   3782008.78   0.29961   401768.88
3782008.78   0.30110
         401788.88   3782008.78   0.30905   401808.88
3782008.78   0.33101
         401828.88   3782008.78   0.34873   401848.88
3782008.78   0.35589
         401868.88   3782008.78   0.34958   401888.88
3782008.78   0.35046
         401908.88   3782008.78   0.35612   401928.88
3782008.78   0.36746

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
                                    INCLUDING SOURCE(S):   L0000894   , L0000895 , L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903 , L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911 , L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919 , L0000920   , L0000921   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC

- -
401948.88 3782008.78 0.37349 401968.88
3782008.78 0.38094
401988.88 3782008.78 0.39051 402008.88
3782008.78 0.39795
402028.88 3782008.78 0.40853 402048.88
3782008.78 0.42295
402068.88 3782008.78 0.43970 402088.88
3782008.78 0.45591
402108.88 3782008.78 0.46399 402128.88
3782008.78 0.47467
402148.88 3782008.78 0.54215 402168.88
3782008.78 0.58856
402188.88 3782008.78 0.62212 402208.88
3782008.78 0.59748
402228.88 3782008.78 0.59521 402248.88
3782008.78 0.58331
402268.88 3782008.78 0.53911 402288.88
3782008.78 0.52749
402308.88 3782008.78 0.49457 402328.88
3782008.78 0.48916
402348.88 3782008.78 0.49678 402368.88
3782008.78 0.48367
402388.88 3782008.78 0.51156 402408.88
3782008.78 0.55901
402428.88 3782008.78 0.55554 402448.88
3782008.78 0.56152
402468.88 3782008.78 0.59150 402488.88
3782008.78 0.57662
402508.88 3782008.78 0.58245 401308.88
3782028.78 0.18708
401328.88 3782028.78 0.18988 401348.88
3782028.78 0.19190
401368.88 3782028.78 0.19219 401388.88
3782028.78 0.19189
401408.88 3782028.78 0.19615 401428.88
3782028.78 0.20529
401448.88 3782028.78 0.20424 401468.88
3782028.78 0.21209
401488.88 3782028.78 0.22885 401508.88
3782028.78 0.24573
401528.88 3782028.78 0.24513 401548.88
3782028.78 0.25107
401568.88 3782028.78 0.26321 401588.88
3782028.78 0.25652
401608.88 3782028.78 0.25245 401628.88
3782028.78 0.24663
401648.88 3782028.78 0.24791 401668.88
3782028.78 0.25625

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         401688.88    3782028.78        0.26307                      401708.88
3782028.78        0.27143
         401728.88    3782028.78        0.27781                      401748.88
3782028.78        0.28134
         401768.88    3782028.78        0.28018                      401788.88
3782028.78        0.28710
         401808.88    3782028.78        0.30264                      401828.88
3782028.78        0.31812
         401848.88    3782028.78        0.32543                      401868.88
3782028.78        0.32543
         401888.88    3782028.78        0.32839                      401908.88
3782028.78        0.33641
         401928.88    3782028.78        0.33817                      401948.88
3782028.78        0.33862
         401968.88    3782028.78        0.34204                      401988.88
3782028.78        0.34754
         402008.88    3782028.78        0.35708                      402028.88
3782028.78        0.36856
         402048.88    3782028.78        0.38286                      402068.88
3782028.78        0.40069
         402088.88    3782028.78        0.41363                      402108.88
3782028.78        0.42400
         402128.88    3782028.78        0.44163                      402148.88
3782028.78        0.50871
         402168.88    3782028.78        0.54207                      402188.88
3782028.78        0.55307
         402208.88    3782028.78        0.53157                      402228.88
3782028.78        0.53955
         402248.88    3782028.78        0.51911                      402268.88
3782028.78        0.50852
         402288.88    3782028.78        0.45463                      402308.88
3782028.78        0.43268
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 212
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402328.88	3782028.78	0.42566	402348.88	3782028.78	0.45160
402368.88	3782028.78	0.45332	402388.88	3782028.78	0.48550
402408.88	3782028.78	0.50438	402428.88	3782028.78	0.51152
402448.88	3782028.78	0.51552	402468.88	3782028.78	0.53194
402488.88	3782028.78	0.53672	402508.88	3782028.78	0.51827
401308.88	3782048.78	0.17906	401328.88	3782048.78	0.18083
401348.88	3782048.78	0.18024	401368.88	3782048.78	0.18324
401388.88	3782048.78	0.18638	401408.88	3782048.78	0.19266
401428.88	3782048.78	0.19617	401448.88	3782048.78	0.19891
401468.88	3782048.78	0.20339	401488.88	3782048.78	0.22183
401508.88	3782048.78	0.24294	401528.88	3782048.78	0.23764
401548.88	3782048.78	0.24039	401568.88	3782048.78	0.24122
401588.88	3782048.78	0.24441	401608.88	3782048.78	0.23095
401628.88	3782048.78	0.23590	401648.88	3782048.78	0.24248
401668.88	3782048.78	0.24909	401688.88	3782048.78	0.25402
401708.88	3782048.78	0.25368	401728.88	3782048.78	0.26185
401748.88	3782048.78	0.26050	401768.88	3782048.78	0.26882
401788.88	3782048.78	0.27419	401808.88	3782048.78	0.28486
401828.88	3782048.78	0.29267	401848.88	3782048.78	0.29407
401868.88	3782048.78	0.29688	401888.88		

3782048.78 0.29915
401908.88 3782048.78 0.30926 401928.88
3782048.78 0.31576
401948.88 3782048.78 0.31559 401968.88
3782048.78 0.31873
401988.88 3782048.78 0.32380 402008.88
3782048.78 0.33180
402028.88 3782048.78 0.34373 402048.88
3782048.78 0.35368
402068.88 3782048.78 0.36551 402088.88
3782048.78 0.37815
402108.88 3782048.78 0.39147 402128.88
3782048.78 0.41092
402148.88 3782048.78 0.47488 402168.88
3782048.78 0.51445
402188.88 3782048.78 0.47313 402208.88
3782048.78 0.43451
402228.88 3782048.78 0.47372 402248.88
3782048.78 0.48256
402268.88 3782048.78 0.45693 402288.88
3782048.78 0.41288
402308.88 3782048.78 0.39026 402328.88
3782048.78 0.39253
402348.88 3782048.78 0.40170 402368.88
3782048.78 0.40609
402388.88 3782048.78 0.42142 402408.88
3782048.78 0.45301
402428.88 3782048.78 0.46476 402448.88
3782048.78 0.45767
402468.88 3782048.78 0.47258 402488.88
3782048.78 0.47135
402508.88 3782048.78 0.47170 401308.88
3782068.78 0.17144
401328.88 3782068.78 0.17254 401348.88
3782068.78 0.17486
401368.88 3782068.78 0.17754 401388.88
3782068.78 0.18182
401408.88 3782068.78 0.18561 401428.88
3782068.78 0.18626
401448.88 3782068.78 0.19333 401468.88
3782068.78 0.19764

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895
, L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903
, L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911
, L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919
, L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401488.88	3782068.78	0.21426	401508.88	3782068.78	0.21524
401528.88	3782068.78	0.21752	401548.88	3782068.78	0.22866
401568.88	3782068.78	0.22668	401588.88	3782068.78	0.22995
401608.88	3782068.78	0.22633	401628.88	3782068.78	0.23169
401648.88	3782068.78	0.23672	401668.88	3782068.78	0.23921
401688.88	3782068.78	0.24371	401708.88	3782068.78	0.24504
401728.88	3782068.78	0.24396	401748.88	3782068.78	0.25058
401768.88	3782068.78	0.25779	401788.88	3782068.78	0.26095
401808.88	3782068.78	0.26002	401828.88	3782068.78	0.26999
401848.88	3782068.78	0.26298	401868.88	3782068.78	0.26836
401888.88	3782068.78	0.27422	401908.88	3782068.78	0.27726
401928.88	3782068.78	0.28006	401948.88	3782068.78	0.28369
401968.88	3782068.78	0.29130	401988.88	3782068.78	0.30224
402008.88	3782068.78	0.31483	402028.88	3782068.78	0.32676
402048.88	3782068.78	0.34095	402068.88	3782068.78	0.35351

402088.88 3782068.78 0.36342 402108.88
3782068.78 0.37424
402128.88 3782068.78 0.38476 402148.88
3782068.78 0.43850
402168.88 3782068.78 0.47329 402188.88
3782068.78 0.40249
402208.88 3782068.78 0.36815 402228.88
3782068.78 0.37929
402248.88 3782068.78 0.42411 402268.88
3782068.78 0.42403
402288.88 3782068.78 0.38631 402308.88
3782068.78 0.36492
402328.88 3782068.78 0.35639 402348.88
3782068.78 0.35626
402368.88 3782068.78 0.36164 402388.88
3782068.78 0.37208
402408.88 3782068.78 0.39535 402428.88
3782068.78 0.41181
402448.88 3782068.78 0.41320 402468.88
3782068.78 0.45779
402488.88 3782068.78 0.45943 402508.88
3782068.78 0.43469
401308.88 3782088.78 0.16657 401328.88
3782088.78 0.16870
401348.88 3782088.78 0.17132 401368.88
3782088.78 0.17370
401388.88 3782088.78 0.17530 401408.88
3782088.78 0.17642
401428.88 3782088.78 0.18058 401448.88
3782088.78 0.18037
401468.88 3782088.78 0.19313 401488.88
3782088.78 0.20565
401508.88 3782088.78 0.20851 401528.88
3782088.78 0.21262
401548.88 3782088.78 0.21888 401568.88
3782088.78 0.21769
401588.88 3782088.78 0.22080 401608.88
3782088.78 0.21852
401628.88 3782088.78 0.22222 401648.88
3782088.78 0.22816
401668.88 3782088.78 0.23004 401688.88
3782088.78 0.23010
401708.88 3782088.78 0.22811 401728.88
3782088.78 0.22660
401748.88 3782088.78 0.24037 401768.88
3782088.78 0.25392
401788.88 3782088.78 0.25017 401808.88
3782088.78 0.24109
401828.88 3782088.78 0.24483 401848.88
3782088.78 0.24321

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401868.88	3782088.78	0.24410	401888.88	3782088.78	0.25151
401908.88	3782088.78	0.24966	401928.88	3782088.78	0.25256
401948.88	3782088.78	0.25845	401968.88	3782088.78	0.27301
401988.88	3782088.78	0.28999	402008.88	3782088.78	0.29545
402028.88	3782088.78	0.30027	402048.88	3782088.78	0.31643
402068.88	3782088.78	0.32527	402088.88	3782088.78	0.33647
402108.88	3782088.78	0.33899	402128.88	3782088.78	0.34789
402148.88	3782088.78	0.38779	402168.88	3782088.78	0.42682
402188.88	3782088.78	0.40813	402208.88	3782088.78	0.33673
402228.88	3782088.78	0.33104	402248.88	3782088.78	0.35280
402268.88	3782088.78	0.36261	402288.88		

3782088.78 0.36111
402308.88 3782088.78 0.34289 402328.88
3782088.78 0.32959
402348.88 3782088.78 0.32600 402368.88
3782088.78 0.33048
402388.88 3782088.78 0.33891 402408.88
3782088.78 0.35362
402428.88 3782088.78 0.38208 402448.88
3782088.78 0.39093
402468.88 3782088.78 0.42977 402488.88
3782088.78 0.41320
402508.88 3782088.78 0.38516 401308.88
3782108.78 0.16320
401328.88 3782108.78 0.16565 401348.88
3782108.78 0.16791
401368.88 3782108.78 0.16829 401388.88
3782108.78 0.16946
401408.88 3782108.78 0.17038 401428.88
3782108.78 0.17108
401448.88 3782108.78 0.17229 401468.88
3782108.78 0.18119
401488.88 3782108.78 0.19456 401508.88
3782108.78 0.19264
401528.88 3782108.78 0.19868 401548.88
3782108.78 0.19763
401568.88 3782108.78 0.19634 401588.88
3782108.78 0.19876
401608.88 3782108.78 0.20277 401628.88
3782108.78 0.20582
401648.88 3782108.78 0.20796 401668.88
3782108.78 0.21054
401688.88 3782108.78 0.20938 401708.88
3782108.78 0.20847
401728.88 3782108.78 0.20992 401748.88
3782108.78 0.22007
401768.88 3782108.78 0.22853 401788.88
3782108.78 0.23718
401808.88 3782108.78 0.22419 401828.88
3782108.78 0.22156
401848.88 3782108.78 0.22436 401868.88
3782108.78 0.22506
401888.88 3782108.78 0.23189 401908.88
3782108.78 0.23171
401928.88 3782108.78 0.23530 401948.88
3782108.78 0.24437
401968.88 3782108.78 0.26057 401988.88
3782108.78 0.27551
402008.88 3782108.78 0.26867 402028.88
3782108.78 0.27812
402048.88 3782108.78 0.29716 402068.88

3782108.78 0.30508
402088.88 3782108.78 0.30939 402108.88
3782108.78 0.31528
402128.88 3782108.78 0.32470 402148.88
3782108.78 0.33419
402168.88 3782108.78 0.37452 402188.88
3782108.78 0.41008
402208.88 3782108.78 0.33586 402228.88
3782108.78 0.30478

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -
402248.88 3782108.78 0.30937 402268.88
3782108.78 0.31507
402288.88 3782108.78 0.31891 402308.88
3782108.78 0.31553
402328.88 3782108.78 0.31235 402348.88
3782108.78 0.30630
402368.88 3782108.78 0.30743 402388.88
3782108.78 0.31419
402408.88 3782108.78 0.32490 402428.88
3782108.78 0.34342
402448.88 3782108.78 0.35901 402468.88
3782108.78 0.37682

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        402488.88    3782108.78        0.35533                    402508.88
3782108.78        0.35001
        401308.88    3782128.78        0.15967                    401328.88
3782128.78        0.16157
        401348.88    3782128.78        0.16261                    401368.88
3782128.78        0.16291
        401388.88    3782128.78        0.16372                    401408.88
3782128.78        0.16451
        401428.88    3782128.78        0.16665                    401448.88
3782128.78        0.16596
        401468.88    3782128.78        0.17101                    401488.88
3782128.78        0.17503
        401508.88    3782128.78        0.17545                    401528.88
3782128.78        0.18165
        401548.88    3782128.78        0.17952                    401568.88
3782128.78        0.17967
        401588.88    3782128.78        0.18365                    401608.88
3782128.78        0.18637
        401628.88    3782128.78        0.19011                    401648.88
3782128.78        0.19540
        401668.88    3782128.78        0.19589                    401688.88
3782128.78        0.19380
        401708.88    3782128.78        0.19537                    401728.88
3782128.78        0.19608
        401748.88    3782128.78        0.20564                    401768.88
3782128.78        0.21480
        401788.88    3782128.78        0.22462                    401808.88
3782128.78        0.21329
        401828.88    3782128.78        0.20725                    401848.88
3782128.78        0.21033
        401868.88    3782128.78        0.21168                    401888.88
3782128.78        0.21586
        401908.88    3782128.78        0.21834                    401928.88
3782128.78        0.22506
        401948.88    3782128.78        0.23478                    401968.88
3782128.78        0.25241
        401988.88    3782128.78        0.25593                    402008.88
3782128.78        0.25016
        402028.88    3782128.78        0.25901                    402048.88
3782128.78        0.27506
        402068.88    3782128.78        0.28817                    402088.88
3782128.78        0.28924
        402108.88    3782128.78        0.29477                    402128.88
3782128.78        0.30347
        402148.88    3782128.78        0.30967                    402168.88
3782128.78        0.33193
        402188.88    3782128.78        0.38082                    402208.88
3782128.78        0.31593
        402228.88    3782128.78        0.28964                    402248.88
3782128.78        0.28379
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```
         402268.88    3782128.78        0.28807                      402288.88
3782128.78        0.28935
         402308.88    3782128.78        0.29019                      402328.88
3782128.78        0.28986
         402348.88    3782128.78        0.28903                      402368.88
3782128.78        0.28968
         402388.88    3782128.78        0.29606                      402408.88
3782128.78        0.30577
         402428.88    3782128.78        0.32103                      402448.88
3782128.78        0.33750
         402468.88    3782128.78        0.33428                      402488.88
3782128.78        0.32087
         402508.88    3782128.78        0.31847                      401308.88
3782148.78        0.15152
         401328.88    3782148.78        0.15586                      401348.88
3782148.78        0.15703
         401368.88    3782148.78        0.15754                      401388.88
3782148.78        0.15854
♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 216
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         401408.88    3782148.78        0.15972                      401428.88
3782148.78        0.15931
         401448.88    3782148.78        0.15972                      401468.88
```

3782148.78 0.16214
401488.88 3782148.78 0.15953 401508.88
3782148.78 0.16190
401528.88 3782148.78 0.16660 401548.88
3782148.78 0.16693
401568.88 3782148.78 0.16744 401588.88
3782148.78 0.17163
401608.88 3782148.78 0.17416 401628.88
3782148.78 0.17789
401648.88 3782148.78 0.18218 401668.88
3782148.78 0.18496
401688.88 3782148.78 0.18155 401708.88
3782148.78 0.18318
401728.88 3782148.78 0.18568 401748.88
3782148.78 0.19318
401768.88 3782148.78 0.19925 401788.88
3782148.78 0.20899
401808.88 3782148.78 0.20169 401828.88
3782148.78 0.19845
401848.88 3782148.78 0.19892 401868.88
3782148.78 0.20096
401888.88 3782148.78 0.20430 401908.88
3782148.78 0.20983
401928.88 3782148.78 0.21895 401948.88
3782148.78 0.23118
401968.88 3782148.78 0.23882 401988.88
3782148.78 0.23435
402008.88 3782148.78 0.23396 402028.88
3782148.78 0.24136
402048.88 3782148.78 0.25613 402068.88
3782148.78 0.26454
402088.88 3782148.78 0.27214 402108.88
3782148.78 0.27656
402128.88 3782148.78 0.28338 402148.88
3782148.78 0.28954
402168.88 3782148.78 0.31215 402188.88
3782148.78 0.35296
402208.88 3782148.78 0.30972 402228.88
3782148.78 0.27568
402248.88 3782148.78 0.26760 402268.88
3782148.78 0.26774
402288.88 3782148.78 0.26882 402308.88
3782148.78 0.26917
402328.88 3782148.78 0.27018 402348.88
3782148.78 0.27130
402368.88 3782148.78 0.27452 402388.88
3782148.78 0.28132
402408.88 3782148.78 0.28930 402428.88
3782148.78 0.29651
402448.88 3782148.78 0.31697 402468.88

```
3782148.78        0.31588
         402488.88    3782148.78        0.30161                        402508.88
3782148.78        0.29702
         401308.88    3782168.78        0.14863                        401328.88
3782168.78        0.14938
         401348.88    3782168.78        0.14866                        401368.88
3782168.78        0.15051
         401388.88    3782168.78        0.15306                        401408.88
3782168.78        0.15471
         401428.88    3782168.78        0.15512                        401448.88
3782168.78        0.15850
         401468.88    3782168.78        0.16148                        401488.88
3782168.78        0.15570
         401508.88    3782168.78        0.15416                        401528.88
3782168.78        0.15655
         401548.88    3782168.78        0.15823                        401568.88
3782168.78        0.15877
         401588.88    3782168.78        0.16216                        401608.88
3782168.78        0.16447
         401628.88    3782168.78        0.16749                        401648.88
3782168.78        0.17089
         401668.88    3782168.78        0.17476                        401688.88
3782168.78        0.17250
         401708.88    3782168.78        0.17393                        401728.88
3782168.78        0.17701
         401748.88    3782168.78        0.18279                        401768.88
3782168.78        0.18793
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 217
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
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**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401788.88	3782168.78	0.19776	401808.88	3782168.78	0.19234
401828.88	3782168.78	0.19028	401848.88	3782168.78	0.19068
401868.88	3782168.78	0.19276	401888.88	3782168.78	0.19692
401908.88	3782168.78	0.20294	401928.88	3782168.78	0.21274
401948.88	3782168.78	0.22631	401968.88	3782168.78	0.22222
401988.88	3782168.78	0.21867	402008.88	3782168.78	0.22033
402028.88	3782168.78	0.22832	402048.88	3782168.78	0.23573
402068.88	3782168.78	0.24382	402088.88	3782168.78	0.25696
402108.88	3782168.78	0.25995	402128.88	3782168.78	0.26580
402148.88	3782168.78	0.28166	402168.88	3782168.78	0.32365
402188.88	3782168.78	0.32428	402208.88	3782168.78	0.30291
402228.88	3782168.78	0.26807	402248.88	3782168.78	0.25974
402268.88	3782168.78	0.25621	402288.88	3782168.78	0.25521
402308.88	3782168.78	0.25509	402328.88	3782168.78	0.25561
402348.88	3782168.78	0.25675	402368.88	3782168.78	0.26009
402388.88	3782168.78	0.26571	402408.88	3782168.78	0.27041
402428.88	3782168.78	0.28058	402448.88	3782168.78	0.29918
402468.88	3782168.78	0.30255	402488.88	3782168.78	0.28706
402508.88	3782168.78	0.28111	401308.88	3782188.78	0.14425
401328.88	3782188.78	0.14062	401348.88	3782188.78	0.14350
401368.88	3782188.78	0.14266	401388.88	3782188.78	0.14526
401408.88	3782188.78	0.14795	401428.88	3782188.78	0.15009

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         401448.88    3782188.78        0.15366                       401468.88
3782188.78        0.15702
         401488.88    3782188.78        0.15629                       401508.88
3782188.78        0.15086
         401528.88    3782188.78        0.14927                       401548.88
3782188.78        0.15108
         401568.88    3782188.78        0.15188                       401588.88
3782188.78        0.15471
         401608.88    3782188.78        0.15698                       401628.88
3782188.78        0.15875
         401648.88    3782188.78        0.16093                       401668.88
3782188.78        0.16482
         401688.88    3782188.78        0.16528                       401708.88
3782188.78        0.16656
         401728.88    3782188.78        0.16991                       401748.88
3782188.78        0.17410
         401768.88    3782188.78        0.17950                       401788.88
3782188.78        0.18672
         401808.88    3782188.78        0.18429                       401828.88
3782188.78        0.18284
         401848.88    3782188.78        0.18392                       401868.88
3782188.78        0.18606
         401888.88    3782188.78        0.19031                       401908.88
3782188.78        0.19552
         401928.88    3782188.78        0.20278                       401948.88
3782188.78        0.21443
         401968.88    3782188.78        0.21169                       401988.88
3782188.78        0.20804
         402008.88    3782188.78        0.20926                       402028.88
3782188.78        0.21449
         402048.88    3782188.78        0.22019                       402068.88
3782188.78        0.23209
         402088.88    3782188.78        0.24263                       402108.88
3782188.78        0.24227
         402128.88    3782188.78        0.24841                       402148.88
3782188.78        0.27124
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 218
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
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                L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         402168.88    3782188.78        0.30483                       402188.88
3782188.78        0.29458
         402208.88    3782188.78        0.27459                       402228.88
3782188.78        0.26171
         402248.88    3782188.78        0.25416                       402268.88
3782188.78        0.24934
         402288.88    3782188.78        0.24750                       402308.88
3782188.78        0.24516
         402328.88    3782188.78        0.24447                       402348.88
3782188.78        0.24437
         402368.88    3782188.78        0.24665                       402388.88
3782188.78        0.25071
         402408.88    3782188.78        0.25635                       402428.88
3782188.78        0.26666
         402448.88    3782188.78        0.27754                       402468.88
3782188.78        0.28520
         402488.88    3782188.78        0.27168                       402508.88
3782188.78        0.26700
         401308.88    3782208.78        0.13650                       401328.88
3782208.78        0.13700
         401348.88    3782208.78        0.13636                       401368.88
3782208.78        0.13739
         401388.88    3782208.78        0.13764                       401408.88
3782208.78        0.13972
         401428.88    3782208.78        0.14249                       401448.88
3782208.78        0.14435
         401468.88    3782208.78        0.14748                       401488.88
3782208.78        0.15245
         401508.88    3782208.78        0.14925                       401528.88
3782208.78        0.14613
         401548.88    3782208.78        0.14554                       401568.88
3782208.78        0.14665
         401588.88    3782208.78        0.14904                       401608.88
3782208.78        0.15082
         401628.88    3782208.78        0.15302                       401648.88
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3782208.78        0.15501
         401668.88    3782208.78        0.15832                    401688.88
3782208.78        0.15923
         401708.88    3782208.78        0.16070                    401728.88
3782208.78        0.16348
         401748.88    3782208.78        0.16740                    401768.88
3782208.78        0.17311
         401788.88    3782208.78        0.17813                    401808.88
3782208.78        0.17625
         401828.88    3782208.78        0.17606                    401848.88
3782208.78        0.17716
         401868.88    3782208.78        0.17958                    401888.88
3782208.78        0.18325
         401908.88    3782208.78        0.18843                    401928.88
3782208.78        0.19587
         401948.88    3782208.78        0.20520                    401968.88
3782208.78        0.20130
         401988.88    3782208.78        0.19848                    402008.88
3782208.78        0.19981
         402028.88    3782208.78        0.20500                    402048.88
3782208.78        0.21332
         402068.88    3782208.78        0.22443                    402088.88
3782208.78        0.22522
         402108.88    3782208.78        0.22726                    402128.88
3782208.78        0.24010
         402148.88    3782208.78        0.25382                    402168.88
3782208.78        0.26955
         402188.88    3782208.78        0.29155                    402208.88
3782208.78        0.26187
         402228.88    3782208.78        0.25559                    402248.88
3782208.78        0.24838
         402268.88    3782208.78        0.24033                    402288.88
3782208.78        0.23599
         402308.88    3782208.78        0.23433                    402328.88
3782208.78        0.23346
         402348.88    3782208.78        0.23362                    402368.88
3782208.78        0.23483
         402388.88    3782208.78        0.23891                    402408.88
3782208.78        0.24428
         402428.88    3782208.78        0.25038                    402448.88
3782208.78        0.26203
         402468.88    3782208.78        0.27174                    402488.88
3782208.78        0.26099
         402508.88    3782208.78        0.25554                    402116.08
3781609.34       25.82792
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895
, L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903
, L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911
, L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919
, L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402111.58	3781631.84	45.29962	402072.78	3781724.63	6.23286
402058.72	3781776.93	2.03601	402061.53	3781812.92	1.40266
402065.47	3781834.86	1.13666	401913.06	3781829.79	0.84180
401870.32	3781887.16	0.58199	401788.78	3781884.91	0.47419
401791.03	3781611.59	1.12986			

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,

L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
399067.96	3778941.97	0.23318	399349.76	3778941.97	0.25435
399631.56	3778941.97	0.27797	399913.36	3778941.97	0.30535
400195.16	3778941.97	0.33542	400476.96	3778941.97	0.36909
400758.76	3778941.97	0.40630	401040.56	3778941.97	0.44796
401322.36	3778941.97	0.49478	401604.16	3778941.97	0.54902
401885.96	3778941.97	0.61726	402167.76	3778941.97	0.70821
402449.56	3778941.97	0.82787	402731.36	3778941.97	0.94778
403013.16	3778941.97	0.94737	403294.96	3778941.97	0.81175
403576.76	3778941.97	0.66903	403858.56	3778941.97	0.56072
404140.36	3778941.97	0.47221	404422.16	3778941.97	0.41122
404703.96	3778941.97	0.36170	399067.96	3779205.53	0.24601
399349.76	3779205.53	0.26975	399631.56	3779205.53	0.29684
399913.36	3779205.53	0.32850	400195.16	3779205.53	0.36417
400476.96	3779205.53	0.40436	400758.76	3779205.53	0.44994
401040.56	3779205.53	0.50140	401322.36	3779205.53	0.56464
401604.16	3779205.53	0.63773	401885.96	3779205.53	0.73805
402167.76	3779205.53	0.89048	402449.56	3779205.53	1.16243
402731.36	3779205.53	1.76416	403013.16	3779205.53	1.87360
403294.96	3779205.53	1.18228	403576.76		

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3779205.53        0.85810
         403858.56    3779205.53        0.67221                        404140.36
3779205.53        0.54890
         404422.16    3779205.53        0.46243                        404703.96
3779205.53        0.39929
         399067.96    3779469.09        0.25893                        399349.76
3779469.09        0.28554
         399631.56    3779469.09        0.31643                        399913.36
3779469.09        0.35300
         400195.16    3779469.09        0.39473                        400476.96
3779469.09        0.44273
         400758.76    3779469.09        0.49797                        401040.56
3779469.09        0.56237
         401322.36    3779469.09        0.63715                        401604.16
3779469.09        0.73086
         401885.96    3779469.09        0.86074                        402167.76
3779469.09        1.07590
         402449.56    3779469.09        1.54210                        402731.36
3779469.09        3.59481
         403013.16    3779469.09        5.60455                        403294.96
3779469.09        1.75974
         403576.76    3779469.09        1.08981                        403858.56
3779469.09        0.80006
         404140.36    3779469.09        0.63074                        404422.16
3779469.09        0.51623
         404703.96    3779469.09        0.43790                        399067.96
3779732.65        0.27167
         399349.76    3779732.65        0.30162                        399631.56
3779732.65        0.33686
         399913.36    3779732.65        0.37862                        400195.16
3779732.65        0.42733
         400476.96    3779732.65        0.48453                        400758.76
3779732.65        0.55255
         401040.56    3779732.65        0.62892                        401322.36
3779732.65        0.71853
         401604.16    3779732.65        0.82777                        401885.96
3779732.65        0.97464
         402167.76    3779732.65        1.21673                        402449.56
3779732.65        1.74878
         402731.36    3779732.65        3.93169                        403013.16
3779732.65        7.47501
         403294.96    3779732.65        2.25449                        403576.76
3779732.65        1.32474
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 221
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
403858.56	3779732.65	0.93076	404140.36	3779732.65	0.70815
404422.16	3779732.65	0.57316	404703.96	3779732.65	0.47663
399067.96	3779996.21	0.28403	399349.76	3779996.21	0.31757
399631.56	3779996.21	0.35740	399913.36	3779996.21	0.40515
400195.16	3779996.21	0.46221	400476.96	3779996.21	0.53066
400758.76	3779996.21	0.61251	401040.56	3779996.21	0.70582
401322.36	3779996.21	0.81327	401604.16	3779996.21	0.93676
401885.96	3779996.21	1.09210	402167.76	3779996.21	1.33223
402449.56	3779996.21	1.87479	402731.36	3779996.21	3.84883
403013.16	3779996.21	8.94405	403294.96	3779996.21	2.56654
403576.76	3779996.21	1.50867	403858.56	3779996.21	1.04251
404140.36	3779996.21	0.78588	404422.16	3779996.21	0.62480
404703.96	3779996.21	0.51401	399067.96	3780259.77	0.29577
399349.76	3780259.77	0.33285	399631.56	3780259.77	0.37777

```
         399913.36    3780259.77        0.43244                    400195.16
3780259.77        0.49955
         400476.96    3780259.77        0.58361                    400758.76
3780259.77        0.68294
         401040.56    3780259.77        0.80072                    401322.36
3780259.77        0.93530
         401604.16    3780259.77        1.08269                    401885.96
3780259.77        1.25002
         402167.76    3780259.77        1.48723                    402449.56
3780259.77        1.97000
         402731.36    3780259.77        3.70692                    403013.16
3780259.77       10.88607
         403294.96    3780259.77        2.77272                    403576.76
3780259.77        1.63807
         403858.56    3780259.77        1.13636                    404140.36
3780259.77        0.84929
         404422.16    3780259.77        0.67033                    404703.96
3780259.77        0.54794
         399067.96    3780523.33        0.30643                    399349.76
3780523.33        0.34725
         399631.56    3780523.33        0.39724                    399913.36
3780523.33        0.45976
         400195.16    3780523.33        0.53936                    400476.96
3780523.33        0.63916
         400758.76    3780523.33        0.76921                    401040.56
3780523.33        0.92605
         401322.36    3780523.33        1.11049                    401604.16
3780523.33        1.30656
         401885.96    3780523.33        1.49790                    402167.76
3780523.33        1.71684
         402449.56    3780523.33        2.11845                    402731.36
3780523.33        3.56450
         403013.16    3780523.33       13.92146                    403294.96
3780523.33        2.95856
         403576.76    3780523.33        1.73480                    403858.56
3780523.33        1.20682
         404140.36    3780523.33        0.89982                    404422.16
3780523.33        0.70475
         404703.96    3780523.33        0.57359                    399067.96
3780786.89        0.31542
         399349.76    3780786.89        0.35991                    399631.56
3780786.89        0.41403
         399913.36    3780786.89        0.48568                    400195.16
3780786.89        0.57882
         400476.96    3780786.89        0.70409                    400758.76
3780786.89        0.87747
         401040.56    3780786.89        1.10170                    401322.36
3780786.89        1.38988
         401604.16    3780786.89        1.70377                    401885.96
3780786.89        1.96443
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402731.36	3780786.89	3.58199	403013.16	3780786.89	18.74378
403294.96	3780786.89	3.13335	403576.76	3780786.89	1.80773
403858.56	3780786.89	1.25188	404140.36	3780786.89	0.93233
404422.16	3780786.89	0.72982	404703.96	3780786.89	0.60636
399067.96	3781050.45	0.32233	399349.76	3781050.45	0.37011
399631.56	3781050.45	0.43035	399913.36	3781050.45	0.50764
400195.16	3781050.45	0.61621	400476.96	3781050.45	0.77372
400758.76	3781050.45	1.00698	401040.56	3781050.45	1.34663
401322.36	3781050.45	1.84993	401604.16	3781050.45	2.49480
401885.96	3781050.45	3.01206	402167.76		

3781050.45 3.12506
402449.56 3781050.45 3.11091 402731.36
3781050.45 3.86141
403013.16 3781050.45 29.18223 403294.96
3781050.45 3.27565
403576.76 3781050.45 1.84692 403858.56
3781050.45 1.26662
404140.36 3781050.45 0.94621 404422.16
3781050.45 0.74673
404703.96 3781050.45 0.62998 399067.96
3781314.01 0.32672
399349.76 3781314.01 0.37666 399631.56
3781314.01 0.44103
399913.36 3781314.01 0.52994 400195.16
3781314.01 0.66454
400476.96 3781314.01 0.83966 400758.76
3781314.01 1.13985
401040.56 3781314.01 1.65064 401322.36
3781314.01 2.58841
401604.16 3781314.01 4.30607 401885.96
3781314.01 6.23917
402167.76 3781314.01 5.97372 402449.56
3781314.01 4.94997
402731.36 3781314.01 4.85755 403013.16
3781314.01 43.74986
403294.96 3781314.01 3.35927 403576.76
3781314.01 1.83047
403858.56 3781314.01 1.24990 404140.36
3781314.01 0.93502
404422.16 3781314.01 0.76127 404703.96
3781314.01 0.64568
399067.96 3781577.57 0.32804 399349.76
3781577.57 0.37905
399631.56 3781577.57 0.44770 399913.36
3781577.57 0.54748
400195.16 3781577.57 0.68588 400476.96
3781577.57 0.89186
400758.76 3781577.57 1.22861 401040.56
3781577.57 1.85618
401322.36 3781577.57 3.29818 401604.16
3781577.57 8.52791
401885.96 3781577.57 37.29669 402167.76
3781577.57 28.92653
402449.56 3781577.57 48.09618 402731.36
3781577.57 50.33608
403013.16 3781577.57 50.00930 403294.96
3781577.57 3.11766
403576.76 3781577.57 1.72774 403858.56
3781577.57 1.27146
404140.36 3781577.57 0.92367 404422.16

3781577.57   0.79061
         404703.96   3781577.57   0.66004   399067.96
3781841.13   0.32611
         399349.76   3781841.13   0.37789   399631.56
3781841.13   0.44890
         399913.36   3781841.13   0.54540   400195.16
3781841.13   0.67508
         400476.96   3781841.13   0.85963   400758.76
3781841.13   1.23142
         401040.56   3781841.13   1.49366   401322.36
3781841.13   2.47731

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         401604.16   3781841.13   7.57494   402167.76
3781841.13   17.16550
         402449.56   3781841.13   6.95376   402731.36
3781841.13   4.45330
         403013.16   3781841.13   3.16512   403294.96
3781841.13   2.28659
         403576.76   3781841.13   1.86951   403858.56
3781841.13   1.09874
         404140.36   3781841.13   0.90360   404422.16
3781841.13   0.91285

```
        404703.96    3781841.13        0.71267                    399067.96
3782104.69        0.32086
        399349.76    3782104.69        0.37207                    399631.56
3782104.69        0.42839
        399913.36    3782104.69        0.48304                    400195.16
3782104.69        0.52985
        400476.96    3782104.69        0.59640                    400758.76
3782104.69        1.00335
        401040.56    3782104.69        0.91635                    401322.36
3782104.69        1.08680
        401604.16    3782104.69        1.65040                    401885.96
3782104.69        1.88115
        402167.76    3782104.69        3.23307                    402449.56
3782104.69        2.46186
        402731.36    3782104.69        2.26621                    403013.16
3782104.69        1.95426
        403294.96    3782104.69        1.60293                    403576.76
3782104.69        1.31832
        403858.56    3782104.69        0.95338                    404140.36
3782104.69        0.93859
        404422.16    3782104.69        0.79574                    404703.96
3782104.69        0.73251
        399067.96    3782368.25        0.31243                    399349.76
3782368.25        0.35951
        399631.56    3782368.25        0.36120                    399913.36
3782368.25        0.34962
        400195.16    3782368.25        0.39506                    400476.96
3782368.25        0.37198
        400758.76    3782368.25        0.47435                    401040.56
3782368.25        0.42139
        401322.36    3782368.25        0.54018                    401604.16
3782368.25        0.57545
        401885.96    3782368.25        0.64652                    402167.76
3782368.25        0.80016
        402449.56    3782368.25        0.76600                    402731.36
3782368.25        0.85898
        403013.16    3782368.25        0.95413                    403294.96
3782368.25        1.00721
        403576.76    3782368.25        0.98709                    403858.56
3782368.25        0.93875
        404140.36    3782368.25        0.82235                    404422.16
3782368.25        0.73379
        404703.96    3782368.25        0.64657                    399067.96
3782631.81        0.30079
        399349.76    3782631.81        0.23594                    399631.56
3782631.81        0.33344
        399913.36    3782631.81        0.21572                    400195.16
3782631.81        0.24241
        400476.96    3782631.81        0.24669                    400758.76
3782631.81        0.27037
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         401040.56    3782631.81        0.27120                      401322.36
3782631.81        0.29736
         401604.16    3782631.81        0.35309                      401885.96
3782631.81        0.37910
         402167.76    3782631.81        0.40323                      402449.56
3782631.81        0.41272
         402731.36    3782631.81        0.42931                      403013.16
3782631.81        0.46740
         403294.96    3782631.81        0.51904                      403576.76
3782631.81        0.57135
         403858.56    3782631.81        0.60417                      404140.36
3782631.81        0.60590
         404422.16    3782631.81        0.58960                      404703.96
3782631.81        0.56405
         399067.96    3782895.37        0.28542                      399349.76
3782895.37        0.29791
         399631.56    3782895.37        0.15344                      399913.36
3782895.37        0.21333
         400195.16    3782895.37        0.17258                      400476.96
3782895.37        0.19108
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 224
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         400758.76    3782895.37        0.18575                      401040.56
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3782895.37 0.20223
401322.36 3782895.37 0.21577 401604.16
3782895.37 0.24594
401885.96 3782895.37 0.24691 402167.76
3782895.37 0.25414
402449.56 3782895.37 0.27459 402731.36
3782895.37 0.28318
403013.16 3782895.37 0.28295 403294.96
3782895.37 0.31059
403576.76 3782895.37 0.34607 403858.56
3782895.37 0.36753
404140.36 3782895.37 0.38777 404422.16
3782895.37 0.40303
404703.96 3782895.37 0.41374 399067.96
3783158.93 0.23802
399349.76 3783158.93 0.16449 399631.56
3783158.93 0.11504
399913.36 3783158.93 0.13299 400195.16
3783158.93 0.13660
400476.96 3783158.93 0.14154 400758.76
3783158.93 0.15413
401040.56 3783158.93 0.15255 401322.36
3783158.93 0.16734
401604.16 3783158.93 0.18428 401885.96
3783158.93 0.18227
402167.76 3783158.93 0.18308 402449.56
3783158.93 0.19843
402731.36 3783158.93 0.19676 403013.16
3783158.93 0.17287
403294.96 3783158.93 0.21300 403576.76
3783158.93 0.23170
403858.56 3783158.93 0.24747 404140.36
3783158.93 0.25893
404422.16 3783158.93 0.27084 404703.96
3783158.93 0.28169
399067.96 3783422.49 0.12362 399349.76
3783422.49 0.09753
399631.56 3783422.49 0.10292 399913.36
3783422.49 0.10618
400195.16 3783422.49 0.10802 400476.96
3783422.49 0.11547
400758.76 3783422.49 0.11867 401040.56
3783422.49 0.12513
401322.36 3783422.49 0.13100 401604.16
3783422.49 0.14434
401885.96 3783422.49 0.14340 402167.76
3783422.49 0.14245
402449.56 3783422.49 0.14877 402731.36
3783422.49 0.15674
403013.16 3783422.49 0.12653 403294.96

3783422.49   0.16156
         403576.76   3783422.49   0.17062   403858.56
3783422.49   0.17957
         404140.36   3783422.49   0.18903   404422.16
3783422.49   0.18509
         404703.96   3783422.49   0.18025   399067.96
3783686.05   0.07968
         399349.76   3783686.05   0.08261   399631.56
3783686.05   0.08356
         399913.36   3783686.05   0.08739   400195.16
3783686.05   0.09238
         400476.96   3783686.05   0.09444   400758.76
3783686.05   0.09784
         401040.56   3783686.05   0.10686   401322.36
3783686.05   0.10641
         401604.16   3783686.05   0.10960   401885.96
3783686.05   0.09634
         402167.76   3783686.05   0.09260   402449.56
3783686.05   0.09698
         402731.36   3783686.05   0.08609   403013.16
3783686.05   0.06919
         403294.96   3783686.05   0.12111   403576.76
3783686.05   0.13287
         403858.56   3783686.05   0.13865   404140.36
3783686.05   0.14312
         404422.16   3783686.05   0.14626   404703.96
3783686.05   0.11547
         399067.96   3783949.61   0.06967   399349.76
3783949.61   0.06998

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                                    L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                                    L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                                    L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                      *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
399631.56	3783949.61	0.07315	399913.36	3783949.61	0.07678
400195.16	3783949.61	0.07575	400476.96	3783949.61	0.07728
400758.76	3783949.61	0.08146	401040.56	3783949.61	0.09156
401322.36	3783949.61	0.09310	401604.16	3783949.61	0.08674
401885.96	3783949.61	0.05159	402167.76	3783949.61	0.04452
402449.56	3783949.61	0.05711	402731.36	3783949.61	0.04633
403013.16	3783949.61	0.08964	403294.96	3783949.61	0.10534
403576.76	3783949.61	0.11090	403858.56	3783949.61	0.11169
404140.36	3783949.61	0.11265	404422.16	3783949.61	0.08800
404703.96	3783949.61	0.08094	399067.96	3784213.17	0.05992
399349.76	3784213.17	0.06230	399631.56	3784213.17	0.06583
399913.36	3784213.17	0.06634	400195.16	3784213.17	0.05410
400476.96	3784213.17	0.04805	400758.76	3784213.17	0.04528
401040.56	3784213.17	0.07379	401322.36	3784213.17	0.08152
401604.16	3784213.17	0.08036	401885.96	3784213.17	0.03734
402167.76	3784213.17	0.02109	402449.56	3784213.17	0.03146
402731.36	3784213.17	0.06790	403013.16	3784213.17	0.08377
403294.96	3784213.17	0.09297	403576.76	3784213.17	0.09203
403858.56	3784213.17	0.07746	404140.36	3784213.17	0.06166
404422.16	3784213.17	0.04675	404703.96	3784213.17	0.06699
401308.88	3781008.78	1.73617	401328.88	3781008.78	1.77274

401348.88 3781008.78 1.81109 401368.88
3781008.78 1.85097
401388.88 3781008.78 1.88787 401408.88
3781008.78 1.92348
401428.88 3781008.78 1.96621 401448.88
3781008.78 2.00904
401468.88 3781008.78 2.04827 401488.88
3781008.78 2.08825
401508.88 3781008.78 2.13027 401528.88
3781008.78 2.17027
401548.88 3781008.78 2.20990 401568.88
3781008.78 2.25116
401588.88 3781008.78 2.29160 401608.88
3781008.78 2.33513
401628.88 3781008.78 2.37668 401648.88
3781008.78 2.41583
401668.88 3781008.78 2.45457 401688.88
3781008.78 2.49063
401708.88 3781008.78 2.52328 401728.88
3781008.78 2.55648
401748.88 3781008.78 2.58802 401768.88
3781008.78 2.61792
401788.88 3781008.78 2.64800 401808.88
3781008.78 2.67576
401828.88 3781008.78 2.70470 401848.88
3781008.78 2.73223
401868.88 3781008.78 2.75428 401888.88
3781008.78 2.77616
401908.88 3781008.78 2.79587 401928.88
3781008.78 2.81349
401948.88 3781008.78 2.82931 401968.88
3781008.78 2.84311
401988.88 3781008.78 2.85536 402008.88
3781008.78 2.86601
402028.88 3781008.78 2.87145 402048.88
3781008.78 2.88122
402068.88 3781008.78 2.88869 402088.88
3781008.78 2.89288

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,

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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         402108.88    3781008.78        2.89827                       402128.88
3781008.78        2.90147
         402148.88    3781008.78        2.90343                       402168.88
3781008.78        2.90399
         402188.88    3781008.78        2.90595                       402208.88
3781008.78        2.90822
         402228.88    3781008.78        2.91070                       402248.88
3781008.78        2.91216
         402268.88    3781008.78        2.91277                       402288.88
3781008.78        2.91401
         402308.88    3781008.78        2.91522                       402328.88
3781008.78        2.91784
         402348.88    3781008.78        2.92079                       402368.88
3781008.78        2.92496
         402388.88    3781008.78        2.93025                       402408.88
3781008.78        2.93711
         402428.88    3781008.78        2.94571                       402448.88
3781008.78        2.95675
         402468.88    3781008.78        2.97038                       402488.88
3781008.78        2.98650
         402508.88    3781008.78        3.00812                       401308.88
3781028.78        1.77765
         401328.88    3781028.78        1.81540                       401348.88
3781028.78        1.85719
         401368.88    3781028.78        1.89712                       401388.88
3781028.78        1.93493
         401408.88    3781028.78        1.98288                       401428.88
3781028.78        2.02297
         401448.88    3781028.78        2.06442                       401468.88
3781028.78        2.10966
         401488.88    3781028.78        2.14997                       401508.88
3781028.78        2.19254
         401528.88    3781028.78        2.23638                       401548.88
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3781028.78        2.27936
         401568.88    3781028.78        2.32314                    401588.88
3781028.78        2.36576
         401608.88    3781028.78        2.41116                    401628.88
3781028.78        2.45866
         401648.88    3781028.78        2.50029                    401668.88
3781028.78        2.54073
         401688.88    3781028.78        2.57968                    401708.88
3781028.78        2.61577
         401728.88    3781028.78        2.65146                    401748.88
3781028.78        2.68580
         401768.88    3781028.78        2.71738                    401788.88
3781028.78        2.74925
         401808.88    3781028.78        2.77931                    401828.88
3781028.78        2.81062
         401848.88    3781028.78        2.83968                    401868.88
3781028.78        2.86211
         401888.88    3781028.78        2.88744                    401908.88
3781028.78        2.90708
         401928.88    3781028.78        2.92583                    401948.88
3781028.78        2.94273
         401968.88    3781028.78        2.95630                    401988.88
3781028.78        2.96760
         402008.88    3781028.78        2.97709                    402028.88
3781028.78        2.98209
         402048.88    3781028.78        2.99017                    402068.88
3781028.78        2.99694
         402088.88    3781028.78        3.00072                    402108.88
3781028.78        3.00190
         402128.88    3781028.78        3.00404                    402148.88
3781028.78        3.00555
         402168.88    3781028.78        3.00386                    402188.88
3781028.78        3.00455
         402208.88    3781028.78        3.00515                    402228.88
3781028.78        3.00630
         402248.88    3781028.78        3.00582                    402268.88
3781028.78        3.00442
         402288.88    3781028.78        3.00335                    402308.88
3781028.78        3.00200
         402328.88    3781028.78        3.00272                    402348.88
3781028.78        3.00300
         402368.88    3781028.78        3.00494                    402388.88
3781028.78        3.00806
         402408.88    3781028.78        3.01266                    402428.88
3781028.78        3.01919
         402448.88    3781028.78        3.02816                    402468.88
3781028.78        3.03913
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402488.88	3781028.78	3.05367	402508.88	3781028.78	3.07214
401308.88	3781048.78	1.81892	401328.88	3781048.78	1.86050
401348.88	3781048.78	1.90265	401368.88	3781048.78	1.94466
401388.88	3781048.78	1.98741	401408.88	3781048.78	2.03384
401428.88	3781048.78	2.07964	401448.88	3781048.78	2.12582
401468.88	3781048.78	2.17007	401488.88	3781048.78	2.21404
401508.88	3781048.78	2.26512	401528.88	3781048.78	2.30939
401548.88	3781048.78	2.35362	401568.88	3781048.78	2.39938
401588.88	3781048.78	2.44596	401608.88	3781048.78	2.49925
401628.88	3781048.78	2.55012	401648.88	3781048.78	2.59592
401668.88	3781048.78	2.63632	401688.88	3781048.78	2.67439
401708.88	3781048.78	2.71501	401728.88	3781048.78	2.75337

401748.88 3781048.78 2.78982 401768.88
3781048.78 2.82439
401788.88 3781048.78 2.85858 401808.88
3781048.78 2.89021
401828.88 3781048.78 2.92439 401848.88
3781048.78 2.95425
401868.88 3781048.78 2.97919 401888.88
3781048.78 3.00464
401908.88 3781048.78 3.02451 401928.88
3781048.78 3.04495
401948.88 3781048.78 3.06201 401968.88
3781048.78 3.07421
401988.88 3781048.78 3.08580 402008.88
3781048.78 3.09383
402028.88 3781048.78 3.09659 402048.88
3781048.78 3.10666
402068.88 3781048.78 3.11157 402088.88
3781048.78 3.11539
402108.88 3781048.78 3.11452 402128.88
3781048.78 3.11640
402148.88 3781048.78 3.11505 402168.88
3781048.78 3.11581
402188.88 3781048.78 3.11276 402208.88
3781048.78 3.10962
402228.88 3781048.78 3.10899 402248.88
3781048.78 3.10628
402268.88 3781048.78 3.10259 402288.88
3781048.78 3.09943
402308.88 3781048.78 3.09498 402328.88
3781048.78 3.09270
402348.88 3781048.78 3.09129 402368.88
3781048.78 3.09070
402388.88 3781048.78 3.09147 402408.88
3781048.78 3.09371
402428.88 3781048.78 3.09782 402448.88
3781048.78 3.10405
402468.88 3781048.78 3.11303 402488.88
3781048.78 3.12476
402508.88 3781048.78 3.14093 401308.88
3781068.78 1.86313
401328.88 3781068.78 1.90544 401348.88
3781068.78 1.95056
401368.88 3781068.78 1.99492 401388.88
3781068.78 2.04266
401408.88 3781068.78 2.09096 401428.88
3781068.78 2.14143
401448.88 3781068.78 2.18776 401468.88
3781068.78 2.23392
401488.88 3781068.78 2.28532 401508.88
3781068.78 2.33536

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401648.88	3781068.78	2.69411	401668.88	3781068.78	2.74233
401688.88	3781068.78	2.78115	401708.88	3781068.78	2.82140
401728.88	3781068.78	2.86467	401748.88	3781068.78	2.90236
401768.88	3781068.78	2.93917	401788.88	3781068.78	2.97594
401808.88	3781068.78	3.01382	401828.88	3781068.78	3.04832
401848.88	3781068.78	3.08032	401868.88	3781068.78	3.10623
401888.88	3781068.78	3.13337	401908.88	3781068.78	3.15290
401928.88	3781068.78	3.17370	401948.88		

3781068.78 3.19289
401968.88 3781068.78 3.20849 401988.88
3781068.78 3.21796
402008.88 3781068.78 3.22715 402028.88
3781068.78 3.22449
402048.88 3781068.78 3.23553 402068.88
3781068.78 3.23994
402088.88 3781068.78 3.24158 402108.88
3781068.78 3.23768
402128.88 3781068.78 3.23759 402148.88
3781068.78 3.23502
402168.88 3781068.78 3.22987 402188.88
3781068.78 3.22601
402208.88 3781068.78 3.22204 402228.88
3781068.78 3.21871
402248.88 3781068.78 3.21342 402268.88
3781068.78 3.20768
402288.88 3781068.78 3.20158 402308.88
3781068.78 3.19514
402328.88 3781068.78 3.18958 402348.88
3781068.78 3.18561
402368.88 3781068.78 3.18328 402388.88
3781068.78 3.18154
402408.88 3781068.78 3.18093 402428.88
3781068.78 3.18209
402448.88 3781068.78 3.18548 402468.88
3781068.78 3.19184
402488.88 3781068.78 3.20149 402508.88
3781068.78 3.21447
401308.88 3781088.78 1.91010 401328.88
3781088.78 1.95336
401348.88 3781088.78 2.00031 401368.88
3781088.78 2.04716
401388.88 3781088.78 2.09973 401408.88
3781088.78 2.14881
401428.88 3781088.78 2.20390 401448.88
3781088.78 2.25256
401468.88 3781088.78 2.30249 401488.88
3781088.78 2.35876
401508.88 3781088.78 2.40953 401528.88
3781088.78 2.46386
401548.88 3781088.78 2.51524 401568.88
3781088.78 2.57083
401588.88 3781088.78 2.62468 401608.88
3781088.78 2.68267
401628.88 3781088.78 2.73717 401648.88
3781088.78 2.79126
401668.88 3781088.78 2.84479 401688.88
3781088.78 2.89605
401708.88 3781088.78 2.93496 401728.88

3781088.78 2.97946
401748.88 3781088.78 3.02347 401768.88
3781088.78 3.06352
401788.88 3781088.78 3.10341 401808.88
3781088.78 3.14342
401828.88 3781088.78 3.18127 401848.88
3781088.78 3.21567
401868.88 3781088.78 3.24392 401888.88
3781088.78 3.27190
401908.88 3781088.78 3.29441 401928.88
3781088.78 3.31465
401948.88 3781088.78 3.33151 401968.88
3781088.78 3.34353
401988.88 3781088.78 3.35546 402008.88
3781088.78 3.36285

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402028.88	3781088.78	3.36306	402048.88	3781088.78	3.37290
402068.88	3781088.78	3.37924	402088.88	3781088.78	3.37490
402108.88	3781088.78	3.37243	402128.88	3781088.78	3.36819

402148.88 3781088.78 3.36260 402168.88
3781088.78 3.35430
402188.88 3781088.78 3.34908 402208.88
3781088.78 3.34380
402228.88 3781088.78 3.33789 402248.88
3781088.78 3.33022
402268.88 3781088.78 3.32213 402288.88
3781088.78 3.31361
402308.88 3781088.78 3.30342 402328.88
3781088.78 3.29514
402348.88 3781088.78 3.28801 402368.88
3781088.78 3.28202
402388.88 3781088.78 3.27843 402408.88
3781088.78 3.27481
402428.88 3781088.78 3.27306 402448.88
3781088.78 3.27335
402468.88 3781088.78 3.27671 402488.88
3781088.78 3.28332
402508.88 3781088.78 3.29345 401308.88
3781108.78 1.95734
401328.88 3781108.78 2.00550 401348.88
3781108.78 2.05319
401368.88 3781108.78 2.10265 401388.88
3781108.78 2.15922
401408.88 3781108.78 2.21112 401428.88
3781108.78 2.26830
401448.88 3781108.78 2.32028 401468.88
3781108.78 2.37657
401488.88 3781108.78 2.43784 401508.88
3781108.78 2.49052
401528.88 3781108.78 2.54901 401548.88
3781108.78 2.60252
401568.88 3781108.78 2.66370 401588.88
3781108.78 2.72239
401608.88 3781108.78 2.78237 401628.88
3781108.78 2.84294
401648.88 3781108.78 2.90332 401668.88
3781108.78 2.96379
401688.88 3781108.78 3.01828 401708.88
3781108.78 3.05755
401728.88 3781108.78 3.10808 401748.88
3781108.78 3.15466
401768.88 3781108.78 3.19917 401788.88
3781108.78 3.24362
401808.88 3781108.78 3.28779 401828.88
3781108.78 3.32680
401848.88 3781108.78 3.36355 401868.88
3781108.78 3.39356
401888.88 3781108.78 3.42497 401908.88
3781108.78 3.44728

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         401928.88    3781108.78        3.46955                      401948.88
3781108.78        3.48692
         401968.88    3781108.78        3.49673                      401988.88
3781108.78        3.50110
         402008.88    3781108.78        3.51267                      402028.88
3781108.78        3.51331
         402048.88    3781108.78        3.52511                      402068.88
3781108.78        3.52642
         402088.88    3781108.78        3.52158                      402108.88
3781108.78        3.51701
         402128.88    3781108.78        3.51222                      402148.88
3781108.78        3.50763
         402168.88    3781108.78        3.49196                      402188.88
3781108.78        3.48639
         402208.88    3781108.78        3.47639                      402228.88
3781108.78        3.46761
         402248.88    3781108.78        3.45701                      402268.88
3781108.78        3.44465
         402288.88    3781108.78        3.43289                      402308.88
3781108.78        3.41949
         402328.88    3781108.78        3.40910                      402348.88
3781108.78        3.39892
         402368.88    3781108.78        3.39126                      402388.88
3781108.78        3.38362
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 230
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
```

Y-COORD (M)   CONC
 -
- -
402408.88   3781108.78   3.37604   402428.88
3781108.78   3.37049
402448.88   3781108.78   3.36826   402468.88
3781108.78   3.36783
402488.88   3781108.78   3.37147   402508.88
3781108.78   3.37844
401308.88   3781128.78   2.00558   401328.88
3781128.78   2.05677
401348.88   3781128.78   2.10826   401368.88
3781128.78   2.16027
401388.88   3781128.78   2.22043   401408.88
3781128.78   2.27904
401428.88   3781128.78   2.33811   401448.88
3781128.78   2.39290
401468.88   3781128.78   2.45319   401488.88
3781128.78   2.51871
401508.88   3781128.78   2.57940   401528.88
3781128.78   2.64217
401548.88   3781128.78   2.69545   401568.88
3781128.78   2.76216
401588.88   3781128.78   2.82347   401608.88
3781128.78   2.88978
401628.88   3781128.78   2.95442   401648.88
3781128.78   3.02091
401668.88   3781128.78   3.08046   401688.88
3781128.78   3.13853
401708.88   3781128.78   3.19170   401728.88
3781128.78   3.24697
401748.88   3781128.78   3.29915   401768.88
3781128.78   3.34803
401788.88   3781128.78   3.39897   401808.88
3781128.78   3.44352
401828.88   3781128.78   3.48548   401848.88
3781128.78   3.52773
401868.88   3781128.78   3.55759   401888.88
3781128.78   3.59103
401908.88   3781128.78   3.61694   401928.88
3781128.78   3.63696
401948.88   3781128.78   3.65447   401968.88
3781128.78   3.66218
401988.88   3781128.78   3.67325   402008.88
3781128.78   3.67550
402028.88   3781128.78   3.68266   402048.88
3781128.78   3.68632
402068.88   3781128.78   3.68961   402088.88
3781128.78   3.68226
402108.88   3781128.78   3.67393   402128.88

3781128.78   3.66558
         402148.88   3781128.78   3.65293   402168.88
3781128.78   3.64384
         402188.88   3781128.78   3.63340   402208.88
3781128.78   3.62066
         402228.88   3781128.78   3.60786   402248.88
3781128.78   3.59316
         402268.88   3781128.78   3.57786   402288.88
3781128.78   3.56141
         402308.88   3781128.78   3.54529   402328.88
3781128.78   3.53311
         402348.88   3781128.78   3.51930   402368.88
3781128.78   3.50573
         402388.88   3781128.78   3.49392   402408.88
3781128.78   3.48485
         402428.88   3781128.78   3.47546   402448.88
3781128.78   3.47031
         402468.88   3781128.78   3.46624   402488.88
3781128.78   3.46632
         402508.88   3781128.78   3.47009   401308.88
3781148.78   2.05595
         401328.88   3781148.78   2.11227   401348.88
3781148.78   2.16936
         401368.88   3781148.78   2.22065   401388.88
3781148.78   2.27955
         401408.88   3781148.78   2.34568   401428.88
3781148.78   2.40814
         401448.88   3781148.78   2.46881   401468.88
3781148.78   2.53306
         401488.88   3781148.78   2.60640   401508.88
3781148.78   2.66894
         401528.88   3781148.78   2.73332   401548.88
3781148.78   2.79382

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                                    L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                                    L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                                    L0000022   , L0000023   , L0000024   , L0000025   , L0000026

, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401568.88	3781148.78	2.86555	401588.88	3781148.78	2.93543
401608.88	3781148.78	3.00554	401628.88	3781148.78	3.07632
401648.88	3781148.78	3.14396	401668.88	3781148.78	3.20864
401688.88	3781148.78	3.27178	401708.88	3781148.78	3.33403
401728.88	3781148.78	3.39405	401748.88	3781148.78	3.45252
401768.88	3781148.78	3.50836	401788.88	3781148.78	3.56297
401808.88	3781148.78	3.61231	401828.88	3781148.78	3.65848
401848.88	3781148.78	3.70106	401868.88	3781148.78	3.73655
401888.88	3781148.78	3.76764	401908.88	3781148.78	3.79410
401928.88	3781148.78	3.81664	401948.88	3781148.78	3.83323
401968.88	3781148.78	3.84286	401988.88	3781148.78	3.85432
402008.88	3781148.78	3.85755	402028.88	3781148.78	3.86358
402048.88	3781148.78	3.86340	402068.88	3781148.78	3.86256
402088.88	3781148.78	3.85535	402108.88	3781148.78	3.84643
402128.88	3781148.78	3.83537	402148.88	3781148.78	3.82138
402168.88	3781148.78	3.80720	402188.88	3781148.78	3.79130
402208.88	3781148.78	3.77424	402228.88	3781148.78	3.75560
402248.88	3781148.78	3.73677	402268.88	3781148.78	3.71765
402288.88	3781148.78	3.69834	402308.88	3781148.78	3.67970

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         402328.88    3781148.78        3.66211                      402348.88
3781148.78        3.64455
         402368.88    3781148.78        3.62797                      402388.88
3781148.78        3.61283
         402408.88    3781148.78        3.59930                      402428.88
3781148.78        3.58798
         402448.88    3781148.78        3.57868                      402468.88
3781148.78        3.57189
         402488.88    3781148.78        3.56852                      402508.88
3781148.78        3.56923
         401308.88    3781168.78        2.10659                      401328.88
3781168.78        2.16577
         401348.88    3781168.78        2.22684                      401368.88
3781168.78        2.28303
         401388.88    3781168.78        2.34955                      401408.88
3781168.78        2.41669
         401428.88    3781168.78        2.48348                      401448.88
3781168.78        2.54753
         401468.88    3781168.78        2.61793                      401488.88
3781168.78        2.69332
         401508.88    3781168.78        2.76205                      401528.88
3781168.78        2.83624
         401548.88    3781168.78        2.89821                      401568.88
3781168.78        2.97999
         401588.88    3781168.78        3.05794                      401608.88
3781168.78        3.13552
         401628.88    3781168.78        3.20847                      401648.88
3781168.78        3.28746
         401668.88    3781168.78        3.35414                      401688.88
3781168.78        3.42188
         401708.88    3781168.78        3.49130                      401728.88
3781168.78        3.55551
         401748.88    3781168.78        3.62312                      401768.88
3781168.78        3.68526
         401788.88    3781168.78        3.74509                      401808.88
3781168.78        3.80142
         401828.88    3781168.78        3.85079                      401848.88
3781168.78        3.90197
         401868.88    3781168.78        3.93050                      401888.88
3781168.78        3.97496
         401908.88    3781168.78        4.00144                      401928.88
3781168.78        4.02064
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 232
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401948.88	3781168.78	4.03996	401968.88	3781168.78	4.05216
401988.88	3781168.78	4.05892	402008.88	3781168.78	4.05797
402028.88	3781168.78	4.06326	402048.88	3781168.78	4.06368
402068.88	3781168.78	4.06079	402088.88	3781168.78	4.05039
402108.88	3781168.78	4.04218	402128.88	3781168.78	4.02223
402148.88	3781168.78	4.00482	402168.88	3781168.78	3.98714
402188.88	3781168.78	3.96616	402208.88	3781168.78	3.94346
402228.88	3781168.78	3.92524	402248.88	3781168.78	3.90201
402268.88	3781168.78	3.87909	402288.88	3781168.78	3.85584
402308.88	3781168.78	3.82717	402328.88	3781168.78	3.80918
402348.88	3781168.78	3.78785	402368.88	3781168.78	3.76584
402388.88	3781168.78	3.74723	402408.88	3781168.78	3.72886
402428.88	3781168.78	3.71287	402448.88	3781168.78	3.69807
402468.88	3781168.78	3.68799	402488.88	3781168.78	3.67852
402508.88	3781168.78	3.67620	401308.88		

3781188.78 2.15981
401328.88 3781188.78 2.22229 401348.88
3781188.78 2.28673
401368.88 3781188.78 2.34777 401388.88
3781188.78 2.41806
401408.88 3781188.78 2.48971 401428.88
3781188.78 2.56241
401448.88 3781188.78 2.63234 401468.88
3781188.78 2.70581
401488.88 3781188.78 2.78659 401508.88
3781188.78 2.86153
401528.88 3781188.78 2.94335 401548.88
3781188.78 3.00928
401568.88 3781188.78 3.09813 401588.88
3781188.78 3.18262
401608.88 3781188.78 3.26642 401628.88
3781188.78 3.35236
401648.88 3781188.78 3.43304 401668.88
3781188.78 3.50595
401688.88 3781188.78 3.58364 401708.88
3781188.78 3.65864
401728.88 3781188.78 3.73215 401748.88
3781188.78 3.80636
401768.88 3781188.78 3.87463 401788.88
3781188.78 3.94123
401808.88 3781188.78 3.99982 401828.88
3781188.78 4.05586
401848.88 3781188.78 4.11114 401868.88
3781188.78 4.14643
401888.88 3781188.78 4.19290 401908.88
3781188.78 4.22515
401928.88 3781188.78 4.24142 401948.88
3781188.78 4.26050
401968.88 3781188.78 4.27169 401988.88
3781188.78 4.27884
402008.88 3781188.78 4.27298 402028.88
3781188.78 4.28069
402048.88 3781188.78 4.28570 402068.88
3781188.78 4.28079
402088.88 3781188.78 4.26434 402108.88
3781188.78 4.24921
402128.88 3781188.78 4.22355 402148.88
3781188.78 4.19925
402168.88 3781188.78 4.17413 402188.88
3781188.78 4.15572
402208.88 3781188.78 4.12880 402228.88
3781188.78 4.10513
402248.88 3781188.78 4.07869 402268.88
3781188.78 4.05283
402288.88 3781188.78 4.01857 402308.88

3781188.78 3.98770

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402328.88	3781188.78	3.96862	402348.88	3781188.78	3.94176
402368.88	3781188.78	3.91442	402388.88	3781188.78	3.88942
402408.88	3781188.78	3.86551	402428.88	3781188.78	3.84370
402448.88	3781188.78	3.82579	402468.88	3781188.78	3.81152
402488.88	3781188.78	3.79776	402508.88	3781188.78	3.79158
401308.88	3781208.78	2.21578	401328.88	3781208.78	2.28141
401348.88	3781208.78	2.35036	401368.88	3781208.78	2.41528
401388.88	3781208.78	2.48948	401408.88	3781208.78	2.56532
401428.88	3781208.78	2.64307	401448.88	3781208.78	2.72026
401468.88	3781208.78	2.80115	401488.88	3781208.78	2.88477

401508.88 3781208.78 2.96750 401528.88
3781208.78 3.05456
401548.88 3781208.78 3.12817 401568.88
3781208.78 3.22201
401588.88 3781208.78 3.31523 401608.88
3781208.78 3.41292
401628.88 3781208.78 3.50342 401648.88
3781208.78 3.58810
401668.88 3781208.78 3.67190 401688.88
3781208.78 3.75628
401708.88 3781208.78 3.84143 401728.88
3781208.78 3.92581
401748.88 3781208.78 4.00976 401768.88
3781208.78 4.08353
401788.88 3781208.78 4.15704 401808.88
3781208.78 4.22775
401828.88 3781208.78 4.28492 401848.88
3781208.78 4.34154
401868.88 3781208.78 4.38344 401888.88
3781208.78 4.42748
401908.88 3781208.78 4.46731 401928.88
3781208.78 4.48971
401948.88 3781208.78 4.50802 401968.88
3781208.78 4.52163
401988.88 3781208.78 4.51643 402008.88
3781208.78 4.50951
402028.88 3781208.78 4.52317 402048.88
3781208.78 4.52712
402068.88 3781208.78 4.51963 402088.88
3781208.78 4.49762
402108.88 3781208.78 4.47778 402128.88
3781208.78 4.45131
402148.88 3781208.78 4.42024 402168.88
3781208.78 4.39708
402188.88 3781208.78 4.36599 402208.88
3781208.78 4.33363
402228.88 3781208.78 4.30239 402248.88
3781208.78 4.26879
402268.88 3781208.78 4.23576 402288.88
3781208.78 4.20109
402308.88 3781208.78 4.16355 402328.88
3781208.78 4.13622
402348.88 3781208.78 4.10795 402368.88
3781208.78 4.07829
402388.88 3781208.78 4.04620 402408.88
3781208.78 4.01667
402428.88 3781208.78 3.98834 402448.88
3781208.78 3.96422
402468.88 3781208.78 3.94441 402488.88
3781208.78 3.92661

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         402508.88    3781208.78        3.91598                      401308.88
3781228.78        2.27257
         401328.88    3781228.78        2.34216                      401348.88
3781228.78        2.41534
         401368.88    3781228.78        2.48634                      401388.88
3781228.78        2.56553
         401408.88    3781228.78        2.64723                      401428.88
3781228.78        2.73068
         401448.88    3781228.78        2.81246                      401468.88
3781228.78        2.89771
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 234
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         401488.88    3781228.78        2.98954                      401508.88
3781228.78        3.07946
         401528.88    3781228.78        3.17453                      401548.88
3781228.78        3.25416
         401568.88    3781228.78        3.35146                      401588.88
3781228.78        3.45709
         401608.88    3781228.78        3.56264                      401628.88
3781228.78        3.66422
         401648.88    3781228.78        3.76005                      401668.88
3781228.78        3.85327
         401688.88    3781228.78        3.94516                      401708.88
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3781228.78 4.04370
401728.88 3781228.78 4.14016 401748.88
3781228.78 4.22739
401768.88 3781228.78 4.31212 401788.88
3781228.78 4.39676
401808.88 3781228.78 4.46653 401828.88
3781228.78 4.53821
401848.88 3781228.78 4.59959 401868.88
3781228.78 4.64505
401888.88 3781228.78 4.69142 401908.88
3781228.78 4.73267
401928.88 3781228.78 4.76627 401948.88
3781228.78 4.78349
401968.88 3781228.78 4.78902 401988.88
3781228.78 4.78014
402008.88 3781228.78 4.77889 402028.88
3781228.78 4.78590
402048.88 3781228.78 4.79028 402068.88
3781228.78 4.78232
402088.88 3781228.78 4.76045 402108.88
3781228.78 4.73999
402128.88 3781228.78 4.69967 402148.88
3781228.78 4.66534
402168.88 3781228.78 4.63489 402188.88
3781228.78 4.59760
402208.88 3781228.78 4.55760 402228.88
3781228.78 4.51778
402248.88 3781228.78 4.47790 402268.88
3781228.78 4.43857
402288.88 3781228.78 4.39555 402308.88
3781228.78 4.35487
402328.88 3781228.78 4.32094 402348.88
3781228.78 4.28818
402368.88 3781228.78 4.25213 402388.88
3781228.78 4.21137
402408.88 3781228.78 4.17784 402428.88
3781228.78 4.14816
402448.88 3781228.78 4.11706 402468.88
3781228.78 4.09173
402488.88 3781228.78 4.06693 402508.88
3781228.78 4.05076
401308.88 3781248.78 2.33031 401328.88
3781248.78 2.40450
401348.88 3781248.78 2.48125 401368.88
3781248.78 2.56054
401388.88 3781248.78 2.64459 401408.88
3781248.78 2.73089
401428.88 3781248.78 2.81790 401448.88
3781248.78 2.90867
401468.88 3781248.78 3.00142 401488.88

3781248.78   3.09758
         401508.88   3781248.78   3.19471   401528.88
3781248.78   3.29694
         401548.88   3781248.78   3.38902   401568.88
3781248.78   3.50650
         401588.88   3781248.78   3.61638   401608.88
3781248.78   3.72830
         401628.88   3781248.78   3.83784   401648.88
3781248.78   3.94384
         401668.88   3781248.78   4.04850   401688.88
3781248.78   4.15525
         401708.88   3781248.78   4.26313   401728.88
3781248.78   4.36733
         401748.88   3781248.78   4.47346   401768.88
3781248.78   4.56450
         401788.88   3781248.78   4.65862   401808.88
3781248.78   4.74457
         401828.88   3781248.78   4.81621   401848.88
3781248.78   4.88605

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401868.88	3781248.78	4.93677	401888.88	3781248.78	4.99479

401908.88 3781248.78 5.04013 401928.88
3781248.78 5.07249
401948.88 3781248.78 5.08105 401968.88
3781248.78 5.08412
401988.88 3781248.78 5.08793 402008.88
3781248.78 5.08300
402028.88 3781248.78 5.08897 402048.88
3781248.78 5.08614
402068.88 3781248.78 5.07153 402088.88
3781248.78 5.04659
402108.88 3781248.78 5.01311 402128.88
3781248.78 4.97804
402148.88 3781248.78 4.93482 402168.88
3781248.78 4.89459
402188.88 3781248.78 4.85474 402208.88
3781248.78 4.80765
402228.88 3781248.78 4.75919 402248.88
3781248.78 4.70854
402268.88 3781248.78 4.66185 402288.88
3781248.78 4.61363
402308.88 3781248.78 4.56559 402328.88
3781248.78 4.52572
402348.88 3781248.78 4.49099 402368.88
3781248.78 4.44262
402388.88 3781248.78 4.39954 402408.88
3781248.78 4.35660
402428.88 3781248.78 4.31909 402448.88
3781248.78 4.28037
402468.88 3781248.78 4.25008 402488.88
3781248.78 4.22035
402508.88 3781248.78 4.20101 401308.88
3781268.78 2.38825
401328.88 3781268.78 2.46668 401348.88
3781268.78 2.54684
401368.88 3781268.78 2.63091 401388.88
3781268.78 2.71933
401408.88 3781268.78 2.81154 401428.88
3781268.78 2.90643
401448.88 3781268.78 3.00310 401468.88
3781268.78 3.10240
401488.88 3781268.78 3.20518 401508.88
3781268.78 3.31129
401528.88 3781268.78 3.41973 401548.88
3781268.78 3.53093
401568.88 3781268.78 3.65123 401588.88
3781268.78 3.77053
401608.88 3781268.78 3.89252 401628.88
3781268.78 4.01552
401648.88 3781268.78 4.13798 401668.88
3781268.78 4.25969

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         401688.88    3781268.78        4.38175                      401708.88
3781268.78        4.50202
         401728.88    3781268.78        4.62033                      401748.88
3781268.78        4.73517
         401768.88    3781268.78        4.84607                      401788.88
3781268.78        4.94946
         401808.88    3781268.78        5.04451                      401828.88
3781268.78        5.12965
         401848.88    3781268.78        5.20481                      401868.88
3781268.78        5.26346
         401888.88    3781268.78        5.32749                      401908.88
3781268.78        5.37656
         401928.88    3781268.78        5.40825                      401948.88
3781268.78        5.41480
         401968.88    3781268.78        5.42809                      401988.88
3781268.78        5.43883
         402008.88    3781268.78        5.42142                      402028.88
3781268.78        5.43037
         402048.88    3781268.78        5.42240                      402068.88
3781268.78        5.40279
         402088.88    3781268.78        5.36595                      402108.88
3781268.78        5.33190
         402128.88    3781268.78        5.28409                      402148.88
3781268.78        5.23706
         402168.88    3781268.78        5.18458                      402188.88
3781268.78        5.13526
         402208.88    3781268.78        5.07942                      402228.88
3781268.78        5.02536
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 236
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402248.88	3781268.78	4.96466	402268.88	3781268.78	4.90571
402288.88	3781268.78	4.85053	402308.88	3781268.78	4.79693
402328.88	3781268.78	4.74948	402348.88	3781268.78	4.70032
402368.88	3781268.78	4.64992	402388.88	3781268.78	4.59895
402408.88	3781268.78	4.55101	402428.88	3781268.78	4.50456
402448.88	3781268.78	4.46072	402468.88	3781268.78	4.42445
402488.88	3781268.78	4.38889	402508.88	3781268.78	4.36542
401308.88	3781288.78	2.44912	401328.88	3781288.78	2.53103
401348.88	3781288.78	2.61727	401368.88	3781288.78	2.70452
401388.88	3781288.78	2.80086	401408.88	3781288.78	2.90283
401428.88	3781288.78	3.00455	401448.88	3781288.78	3.10675
401468.88	3781288.78	3.21310	401488.88	3781288.78	3.32784
401508.88	3781288.78	3.44409	401528.88	3781288.78	3.56465
401548.88	3781288.78	3.68245	401568.88	3781288.78	3.81986
401588.88	3781288.78	3.95281	401608.88	3781288.78	4.09253
401628.88	3781288.78	4.22255	401648.88	3781288.78	4.35345
401668.88	3781288.78	4.49146	401688.88	3781288.78	4.63198
401708.88	3781288.78	4.77410	401728.88	3781288.78	4.90110
401748.88	3781288.78	5.03116	401768.88	3781288.78	5.15501
401788.88	3781288.78	5.27784	401808.88	3781288.78	5.38448
401828.88	3781288.78	5.48431	401848.88	3781288.78	5.57420
401868.88	3781288.78	5.63141	401888.88		

3781288.78   5.70881
         401908.88   3781288.78   5.76191   401928.88
3781288.78   5.78168
         401948.88   3781288.78   5.80990   401968.88
3781288.78   5.81515
         401988.88   3781288.78   5.81008   402008.88
3781288.78   5.78760
         402028.88   3781288.78   5.78322   402048.88
3781288.78   5.77865
         402068.88   3781288.78   5.77497   402088.88
3781288.78   5.74110
         402108.88   3781288.78   5.68523   402128.88
3781288.78   5.62648
         402148.88   3781288.78   5.56733   402168.88
3781288.78   5.50677
         402188.88   3781288.78   5.44669   402208.88
3781288.78   5.38091
         402228.88   3781288.78   5.31414   402248.88
3781288.78   5.25125
         402268.88   3781288.78   5.17797   402288.88
3781288.78   5.11468
         402308.88   3781288.78   5.05302   402328.88
3781288.78   4.99464
         402348.88   3781288.78   4.94040   402368.88
3781288.78   4.88219
         402388.88   3781288.78   4.82142   402408.88
3781288.78   4.76913
         402428.88   3781288.78   4.71020   402448.88
3781288.78   4.66205
         402468.88   3781288.78   4.61584   402488.88
3781288.78   4.57408
         402508.88   3781288.78   4.55011   401308.88
3781308.78   2.51357
         401328.88   3781308.78   2.59961   401348.88
3781308.78   2.69221
         401368.88   3781308.78   2.78349   401388.88
3781308.78   2.88719

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010

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, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         401408.88    3781308.78        2.99712                       401428.88
3781308.78        3.10207
         401448.88    3781308.78        3.21358                       401468.88
3781308.78        3.33178
         401488.88    3781308.78        3.45763                       401508.88
3781308.78        3.58560
         401528.88    3781308.78        3.71861                       401548.88
3781308.78        3.84363
         401568.88    3781308.78        3.99136                       401588.88
3781308.78        4.14160
         401608.88    3781308.78        4.28339                       401628.88
3781308.78        4.43533
         401648.88    3781308.78        4.58747                       401668.88
3781308.78        4.74151
         401688.88    3781308.78        4.89654                       401708.88
3781308.78        5.05481
         401728.88    3781308.78        5.20280                       401748.88
3781308.78        5.35094
         401768.88    3781308.78        5.50147                       401788.88
3781308.78        5.63755
         401808.88    3781308.78        5.76280                       401828.88
3781308.78        5.87422
         401848.88    3781308.78        5.96541                       401868.88
3781308.78        6.04660
         401888.88    3781308.78        6.12566                       401908.88
3781308.78        6.18055
         401928.88    3781308.78        6.20011                       401948.88
3781308.78        6.24756
         401968.88    3781308.78        6.23088                       401988.88
3781308.78        6.23877
         402008.88    3781308.78        6.22506                       402028.88
3781308.78        6.20443
         402048.88    3781308.78        6.18609                       402068.88
3781308.78        6.17927
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         402088.88    3781308.78        6.14338                      402108.88
3781308.78        6.07326
         402128.88    3781308.78        6.01327                      402148.88
3781308.78        5.94999
         402168.88    3781308.78        5.87557                      402188.88
3781308.78        5.79892
         402208.88    3781308.78        5.71565                      402228.88
3781308.78        5.63766
         402248.88    3781308.78        5.55976                      402268.88
3781308.78        5.48604
         402288.88    3781308.78        5.41240                      402308.88
3781308.78        5.33840
         402328.88    3781308.78        5.27063                      402348.88
3781308.78        5.20916
         402368.88    3781308.78        5.14024                      402388.88
3781308.78        5.07396
         402408.88    3781308.78        5.00629                      402428.88
3781308.78        4.94381
         402448.88    3781308.78        4.88934                      402468.88
3781308.78        4.83310
         402488.88    3781308.78        4.78131                      402508.88
3781308.78        4.76097
         401308.88    3781328.78        2.57596                      401328.88
3781328.78        2.66955
         401348.88    3781328.78        2.76866                      401368.88
3781328.78        2.86395
         401388.88    3781328.78        2.97431                      401408.88
3781328.78        3.09148
         401428.88    3781328.78        3.20573                      401448.88
3781328.78        3.32948
         401468.88    3781328.78        3.45674                      401488.88
3781328.78        3.59052
         401508.88    3781328.78        3.73535                      401528.88
3781328.78        3.87631
         401548.88    3781328.78        4.01526                      401568.88
3781328.78        4.18027
         401588.88    3781328.78        4.34798                      401608.88
3781328.78        4.51310
         401628.88    3781328.78        4.68161                      401648.88
3781328.78        4.86132
         401668.88    3781328.78        5.02414                      401688.88
3781328.78        5.21087
         401708.88    3781328.78        5.38497                      401728.88
3781328.78        5.55259
         401748.88    3781328.78        5.71229                      401768.88
3781328.78        5.88797
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401788.88	3781328.78	6.04378	401808.88	3781328.78	6.18749
401828.88	3781328.78	6.33260	401848.88	3781328.78	6.42193
401868.88	3781328.78	6.51821	401888.88	3781328.78	6.61036
401908.88	3781328.78	6.66209	401928.88	3781328.78	6.72152
401948.88	3781328.78	6.77943	401968.88	3781328.78	6.77209
401988.88	3781328.78	6.75251	402008.88	3781328.78	6.73787
402028.88	3781328.78	6.70043	402048.88	3781328.78	6.65461
402068.88	3781328.78	6.63840	402088.88	3781328.78	6.59840
402108.88	3781328.78	6.51275	402128.88	3781328.78	6.45574
402148.88	3781328.78	6.35362	402168.88	3781328.78	6.27255
402188.88	3781328.78	6.18274	402208.88	3781328.78	6.08986
402228.88	3781328.78	6.00027	402248.88	3781328.78	5.91029
402268.88	3781328.78	5.82510	402288.88		

3781328.78 5.73864
402308.88 3781328.78 5.65452 402328.88
3781328.78 5.58125
402348.88 3781328.78 5.51342 402368.88
3781328.78 5.42810
402388.88 3781328.78 5.34179 402408.88
3781328.78 5.27256
402428.88 3781328.78 5.20911 402448.88
3781328.78 5.13680
402468.88 3781328.78 5.07222 402488.88
3781328.78 5.01362
402508.88 3781328.78 4.99944 401308.88
3781348.78 2.63790
401328.88 3781348.78 2.73717 401348.88
3781348.78 2.84200
401368.88 3781348.78 2.94605 401388.88
3781348.78 3.06283
401408.88 3781348.78 3.18881 401428.88
3781348.78 3.31515
401448.88 3781348.78 3.44340 401468.88
3781348.78 3.58455
401488.88 3781348.78 3.73633 401508.88
3781348.78 3.89084
401528.88 3781348.78 4.05438 401548.88
3781348.78 4.19436
401568.88 3781348.78 4.38094 401588.88
3781348.78 4.55547
401608.88 3781348.78 4.74937 401628.88
3781348.78 4.93545
401648.88 3781348.78 5.12918 401668.88
3781348.78 5.33005
401688.88 3781348.78 5.52759 401708.88
3781348.78 5.73423
401728.88 3781348.78 5.93125 401748.88
3781348.78 6.12613
401768.88 3781348.78 6.31662 401788.88
3781348.78 6.49130
401808.88 3781348.78 6.66217 401828.88
3781348.78 6.82112
401848.88 3781348.78 6.95417 401868.88
3781348.78 7.05766
401888.88 3781348.78 7.16641 401908.88
3781348.78 7.23249
401928.88 3781348.78 7.28986 401948.88
3781348.78 7.32843
401968.88 3781348.78 7.33679 401988.88
3781348.78 7.32374
402008.88 3781348.78 7.29939 402028.88
3781348.78 7.26686
402048.88 3781348.78 7.20872 402068.88

3781348.78 7.16489
  402088.88 3781348.78 7.11157 402108.88 3781348.78 7.03985
  402128.88 3781348.78 6.94427 402148.88 3781348.78 6.84135

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402168.88	3781348.78	6.73605	402188.88	3781348.78	6.63165
402208.88	3781348.78	6.51276	402228.88	3781348.78	6.41821
402248.88	3781348.78	6.31905	402268.88	3781348.78	6.20805
402288.88	3781348.78	6.11391	402308.88	3781348.78	6.01135
402328.88	3781348.78	5.92249	402348.88	3781348.78	5.83524
402368.88	3781348.78	5.74350	402388.88	3781348.78	5.64858
402408.88	3781348.78	5.56696	402428.88	3781348.78	5.49816
402448.88	3781348.78	5.41807	402468.88	3781348.78	5.34627

402488.88 3781348.78 5.28147 402508.88
3781348.78 5.26965
401308.88 3781368.78 2.70137 401328.88
3781368.78 2.80606
401348.88 3781368.78 2.91764 401368.88
3781368.78 3.02942
401388.88 3781368.78 3.15147 401408.88
3781368.78 3.28532
401428.88 3781368.78 3.42210 401448.88
3781368.78 3.56359
401468.88 3781368.78 3.71274 401488.88
3781368.78 3.87980
401508.88 3781368.78 4.04548 401528.88
3781368.78 4.22438
401548.88 3781368.78 4.38454 401568.88
3781368.78 4.58907
401588.88 3781368.78 4.78970 401608.88
3781368.78 4.99533
401628.88 3781368.78 5.20941 401648.88
3781368.78 5.42967
401668.88 3781368.78 5.65932 401688.88
3781368.78 5.88933
401708.88 3781368.78 6.12896 401728.88
3781368.78 6.35857
401748.88 3781368.78 6.58904 401768.88
3781368.78 6.80925
401788.88 3781368.78 7.02118 401808.88
3781368.78 7.21918
401828.88 3781368.78 7.39423 401848.88
3781368.78 7.55156
401868.88 3781368.78 7.67945 401888.88
3781368.78 7.79855
401908.88 3781368.78 7.87912 401928.88
3781368.78 7.94669
401948.88 3781368.78 7.98776 401968.88
3781368.78 8.01064
401988.88 3781368.78 7.96167 402008.88
3781368.78 7.94910
402028.88 3781368.78 7.89358 402048.88
3781368.78 7.81427
402068.88 3781368.78 7.75610 402088.88
3781368.78 7.69133
402108.88 3781368.78 7.61542 402128.88
3781368.78 7.50884
402148.88 3781368.78 7.39126 402168.88
3781368.78 7.26809
402188.88 3781368.78 7.11104 402208.88
3781368.78 6.98369
402228.88 3781368.78 6.85670 402248.88
3781368.78 6.75161

```
         402268.88    3781368.78        6.63839                      402288.88
3781368.78        6.52499
         402308.88    3781368.78        6.41525                      402328.88
3781368.78        6.31011
         402348.88    3781368.78        6.21763                      402368.88
3781368.78        6.10036
         402388.88    3781368.78        6.00262                      402408.88
3781368.78        5.91188
         402428.88    3781368.78        5.83146                      402448.88
3781368.78        5.75377
         402468.88    3781368.78        5.64875                      402488.88
3781368.78        5.59883
         402508.88    3781368.78        5.56662                      401308.88
3781388.78        2.76561
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                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         401328.88    3781388.78        2.87605                      401348.88
3781388.78        2.99309
         401368.88    3781388.78        3.11329                      401388.88
3781388.78        3.24315
         401408.88    3781388.78        3.38587                      401428.88
3781388.78        3.53170
         401448.88    3781388.78        3.68476                      401468.88
```

3781388.78 3.84961
401488.88 3781388.78 4.02977 401508.88
3781388.78 4.21402
401528.88 3781388.78 4.40522 401548.88
3781388.78 4.58441
401568.88 3781388.78 4.81048 401588.88
3781388.78 5.02898
401608.88 3781388.78 5.26341 401628.88
3781388.78 5.50528
401648.88 3781388.78 5.75384 401668.88
3781388.78 6.03302
401688.88 3781388.78 6.29617 401708.88
3781388.78 6.56382
401728.88 3781388.78 6.84540 401748.88
3781388.78 7.09999
401768.88 3781388.78 7.37289 401788.88
3781388.78 7.62571
401808.88 3781388.78 7.85454 401828.88
3781388.78 8.06661
401848.88 3781388.78 8.25565 401868.88
3781388.78 8.39592
401888.88 3781388.78 8.56571 401908.88
3781388.78 8.65633
401928.88 3781388.78 8.70512 401948.88
3781388.78 8.77302
401968.88 3781388.78 8.76873 401988.88
3781388.78 8.74535
402008.88 3781388.78 8.68928 402028.88
3781388.78 8.63464
402048.88 3781388.78 8.55131 402068.88
3781388.78 8.48526
402088.88 3781388.78 8.38260 402108.88
3781388.78 8.28357
402128.88 3781388.78 8.16455 402148.88
3781388.78 8.02349
402168.88 3781388.78 7.85651 402188.88
3781388.78 7.70222
402208.88 3781388.78 7.53091 402228.88
3781388.78 7.40681
402248.88 3781388.78 7.27215 402268.88
3781388.78 7.12679
402288.88 3781388.78 7.00701 402308.88
3781388.78 6.87516
402328.88 3781388.78 6.76106 402348.88
3781388.78 6.64420
402368.88 3781388.78 6.51525 402388.88
3781388.78 6.41065
402408.88 3781388.78 6.31538 402428.88
3781388.78 6.23126
402448.88 3781388.78 6.15343 402468.88

3781388.78   6.01598
         402488.88   3781388.78   5.97884   402508.88
3781388.78   5.94436
         401308.88   3781408.78   2.83051   401328.88
3781408.78   2.94814
         401348.88   3781408.78   3.07178   401368.88
3781408.78   3.19716
         401388.88   3781408.78   3.33655   401408.88
3781408.78   3.49081
         401428.88   3781408.78   3.64666   401448.88
3781408.78   3.81112
         401468.88   3781408.78   3.98727   401488.88
3781408.78   4.18205
         401508.88   3781408.78   4.37772   401528.88
3781408.78   4.59252
         401548.88   3781408.78   4.79361   401568.88
3781408.78   5.04439
         401588.88   3781408.78   5.31251   401608.88
3781408.78   5.54500
         401628.88   3781408.78   5.81799   401648.88
3781408.78   6.11211
         401668.88   3781408.78   6.42073   401688.88
3781408.78   6.73246

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC

- -

401708.88 3781408.78 7.05119 401728.88
3781408.78 7.37832
401748.88 3781408.78 7.68415 401768.88
3781408.78 7.99371
401788.88 3781408.78 8.30278 401808.88
3781408.78 8.58066
401828.88 3781408.78 8.84327 401848.88
3781408.78 9.06803
401868.88 3781408.78 9.24736 401888.88
3781408.78 9.42423
401908.88 3781408.78 9.55671 401928.88
3781408.78 9.62929
401948.88 3781408.78 9.67905 401968.88
3781408.78 9.69611
401988.88 3781408.78 9.67226 402008.88
3781408.78 9.59488
402028.88 3781408.78 9.51512 402048.88
3781408.78 9.40830
402068.88 3781408.78 9.28631 402088.88
3781408.78 9.15987
402108.88 3781408.78 9.04764 402128.88
3781408.78 8.90887
402148.88 3781408.78 8.73505 402168.88
3781408.78 8.53507
402188.88 3781408.78 8.35487 402208.88
3781408.78 8.16368
402228.88 3781408.78 8.00929 402248.88
3781408.78 7.85179
402268.88 3781408.78 7.71689 402288.88
3781408.78 7.56521
402308.88 3781408.78 7.40967 402328.88
3781408.78 7.27141
402348.88 3781408.78 7.13721 402368.88
3781408.78 6.98919
402388.88 3781408.78 6.87735 402408.88
3781408.78 6.77717
402428.88 3781408.78 6.68641 402448.88
3781408.78 6.58236
402468.88 3781408.78 6.45145 402488.88
3781408.78 6.41017
402508.88 3781408.78 6.35718 401308.88
3781428.78 2.89042
401328.88 3781428.78 3.01440 401348.88
3781428.78 3.14608
401368.88 3781428.78 3.28028 401388.88
3781428.78 3.43192
401408.88 3781428.78 3.59561 401428.88
3781428.78 3.76690

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         401448.88    3781428.78        3.94107                      401468.88
3781428.78        4.13144
         401488.88    3781428.78        4.34002                      401508.88
3781428.78        4.54971
         401528.88    3781428.78        4.78601                      401548.88
3781428.78        5.01279
         401568.88    3781428.78        5.29037                      401588.88
3781428.78        5.58910
         401608.88    3781428.78        5.87194                      401628.88
3781428.78        6.18417
         401648.88    3781428.78        6.52532                      401668.88
3781428.78        6.88126
         401688.88    3781428.78        7.21240                      401708.88
3781428.78        7.58461
         401728.88    3781428.78        7.95455                      401748.88
3781428.78        8.35214
         401768.88    3781428.78        8.73876                      401788.88
3781428.78        9.10047
         401808.88    3781428.78        9.43877                      401828.88
3781428.78        9.75981
         401848.88    3781428.78       10.04040                      401868.88
3781428.78       10.26485
         401888.88    3781428.78       10.48541                      401908.88
3781428.78       10.64901
         401928.88    3781428.78       10.79282                      401948.88
3781428.78       10.88235
         401968.88    3781428.78       10.84773                      401988.88
3781428.78       10.79702
         402008.88    3781428.78       10.65952                      402028.88
3781428.78       10.54689
         402048.88    3781428.78       10.41374                      402068.88
3781428.78       10.23226
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 242
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402088.88	3781428.78	10.07532	402108.88	3781428.78	9.93549
402128.88	3781428.78	9.75299	402148.88	3781428.78	9.56834
402168.88	3781428.78	9.33778	402188.88	3781428.78	9.09934
402208.88	3781428.78	8.89580	402228.88	3781428.78	8.70538
402248.88	3781428.78	8.52645	402268.88	3781428.78	8.36945
402288.88	3781428.78	8.20498	402308.88	3781428.78	8.03897
402328.88	3781428.78	7.89432	402348.88	3781428.78	7.73267
402368.88	3781428.78	7.57023	402388.88	3781428.78	7.46044
402408.88	3781428.78	7.35625	402428.88	3781428.78	7.26228
402448.88	3781428.78	7.14741	402468.88	3781428.78	6.97476
402488.88	3781428.78	6.89175	402508.88	3781428.78	6.82430
401308.88	3781448.78	2.94772	401328.88	3781448.78	3.07770
401348.88	3781448.78	3.21719	401368.88	3781448.78	3.36136
401388.88	3781448.78	3.52178	401408.88	3781448.78	3.69591
401428.88	3781448.78	3.87764	401448.88	3781448.78	4.07010
401468.88	3781448.78	4.27419	401488.88	3781448.78	4.50754
401508.88	3781448.78	4.73137	401528.88	3781448.78	4.98913
401548.88	3781448.78	5.24135	401568.88	3781448.78	5.54865
401588.88	3781448.78	5.88022	401608.88	3781448.78	6.19483
401628.88	3781448.78	6.56793	401648.88		

3781448.78   6.94538
         401668.88   3781448.78   7.35630   401688.88
3781448.78   7.78580
         401708.88   3781448.78   8.21025   401728.88
3781448.78   8.65960
         401748.88   3781448.78   9.13003   401768.88
3781448.78   9.58849
         401788.88   3781448.78   10.03983   401808.88
3781448.78   10.45236
         401828.88   3781448.78   10.83964   401848.88
3781448.78   11.21263
         401868.88   3781448.78   11.49688   401888.88
3781448.78   11.76743
         401908.88   3781448.78   11.95670   401928.88
3781448.78   12.11714
         401948.88   3781448.78   12.13531   401968.88
3781448.78   12.15118
         401988.88   3781448.78   12.05849   402008.88
3781448.78   11.94525
         402028.88   3781448.78   11.83044   402048.88
3781448.78   11.64844
         402068.88   3781448.78   11.43825   402088.88
3781448.78   11.21708
         402108.88   3781448.78   11.00541   402128.88
3781448.78   10.80184
         402148.88   3781448.78   10.57919   402168.88
3781448.78   10.28717
         402188.88   3781448.78   10.01945   402208.88
3781448.78   9.75713
         402228.88   3781448.78   9.55284   402248.88
3781448.78   9.34560
         402268.88   3781448.78   9.16416   402288.88
3781448.78   8.99266
         402308.88   3781448.78   8.79703   402328.88
3781448.78   8.63315
         402348.88   3781448.78   8.42139   402368.88
3781448.78   8.28340
         402388.88   3781448.78   8.16031   402408.88
3781448.78   8.05134
         402428.88   3781448.78   7.90763   402448.88
3781448.78   7.78112

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402468.88	3781448.78	7.61334	402488.88	3781448.78	7.55502
402508.88	3781448.78	7.48128	401308.88	3781468.78	3.00273
401328.88	3781468.78	3.13921	401348.88	3781468.78	3.28572
401368.88	3781468.78	3.43941	401388.88	3781468.78	3.60790
401408.88	3781468.78	3.79212	401428.88	3781468.78	3.98725
401448.88	3781468.78	4.19417	401468.88	3781468.78	4.41687
401488.88	3781468.78	4.66500	401508.88	3781468.78	4.91464
401528.88	3781468.78	5.19987	401548.88	3781468.78	5.47849
401568.88	3781468.78	5.81977	401588.88	3781468.78	6.18866
401608.88	3781468.78	6.53660	401628.88	3781468.78	6.96436
401648.88	3781468.78	7.42571	401668.88	3781468.78	7.89811
401688.88	3781468.78	8.36515	401708.88	3781468.78	8.89923
401728.88	3781468.78	9.45288	401748.88	3781468.78	10.04420
401768.88	3781468.78	10.61889	401788.88	3781468.78	11.17232
401808.88	3781468.78	11.70506	401828.88	3781468.78	12.20851

401848.88 3781468.78 12.65744 401868.88
3781468.78 13.01425
401888.88 3781468.78 13.35002 401908.88
3781468.78 13.58086
401928.88 3781468.78 13.65062 401948.88
3781468.78 13.73283
401968.88 3781468.78 13.75534 401988.88
3781468.78 13.66358
402008.88 3781468.78 13.51446 402028.88
3781468.78 13.34704
402048.88 3781468.78 13.11875 402068.88
3781468.78 12.83936
402088.88 3781468.78 12.57989 402108.88
3781468.78 12.31421
402128.88 3781468.78 12.04787 402148.88
3781468.78 11.74019
402168.88 3781468.78 11.44375 402188.88
3781468.78 11.12568
402208.88 3781468.78 10.79400 402228.88
3781468.78 10.57067
402248.88 3781468.78 10.32974 402268.88
3781468.78 10.11316
402288.88 3781468.78 9.93056 402308.88
3781468.78 9.74030
402328.88 3781468.78 9.55710 402348.88
3781468.78 9.33759
402368.88 3781468.78 9.18440 402388.88
3781468.78 9.06631
402408.88 3781468.78 8.94050 402428.88
3781468.78 8.77655
402448.88 3781468.78 8.58657 402468.88
3781468.78 8.39054
402488.88 3781468.78 8.31034 402508.88
3781468.78 8.21839
401308.88 3781488.78 3.05517 401328.88
3781488.78 3.19792
401348.88 3781488.78 3.35186 401368.88
3781488.78 3.51470
401388.88 3781488.78 3.69338 401408.88
3781488.78 3.88756
401428.88 3781488.78 4.09498 401448.88
3781488.78 4.31716
401468.88 3781488.78 4.55737 401488.88
3781488.78 4.82466
401508.88 3781488.78 5.09874 401528.88
3781488.78 5.41159
401548.88 3781488.78 5.72185 401568.88
3781488.78 6.09605
401588.88 3781488.78 6.49665 401608.88
3781488.78 6.90054

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401628.88	3781488.78	7.37343	401648.88	3781488.78	7.89047
401668.88	3781488.78	8.43731	401688.88	3781488.78	9.03365
401708.88	3781488.78	9.67715	401728.88	3781488.78	10.34226
401748.88	3781488.78	11.05315	401768.88	3781488.78	11.79699
401788.88	3781488.78	12.51634	401808.88	3781488.78	13.21395
401828.88	3781488.78	13.86805	401848.88	3781488.78	14.42402
401868.88	3781488.78	14.91173	401888.88	3781488.78	15.36553
401908.88	3781488.78	15.63554	401928.88	3781488.78	15.76077
401948.88	3781488.78	15.83750	401968.88	3781488.78	15.82869
401988.88	3781488.78	15.77265	402008.88	3781488.78	15.48693
402028.88	3781488.78	15.24659	402048.88		

3781488.78 14.94177
402068.88 3781488.78 14.58559 402088.88
3781488.78 14.21733
402108.88 3781488.78 13.90724 402128.88
3781488.78 13.51252
402148.88 3781488.78 13.37293 402168.88
3781488.78 13.02080
402188.88 3781488.78 12.64475 402208.88
3781488.78 12.07758
402228.88 3781488.78 11.78288 402248.88
3781488.78 11.54447
402268.88 3781488.78 11.34029 402288.88
3781488.78 11.21106
402308.88 3781488.78 10.95978 402328.88
3781488.78 10.76501
402348.88 3781488.78 10.55534 402368.88
3781488.78 10.42095
402388.88 3781488.78 10.33050 402408.88
3781488.78 10.17172
402428.88 3781488.78 9.93417 402448.88
3781488.78 9.76681
402468.88 3781488.78 9.57415 402488.88
3781488.78 9.35189
402508.88 3781488.78 9.39433 401308.88
3781508.78 3.10027
401328.88 3781508.78 3.25149 401348.88
3781508.78 3.41314
401368.88 3781508.78 3.58629 401388.88
3781508.78 3.77375
401408.88 3781508.78 3.97820 401428.88
3781508.78 4.19964
401448.88 3781508.78 4.43824 401468.88
3781508.78 4.69500
401488.88 3781508.78 4.98372 401508.88
3781508.78 5.28724
401528.88 3781508.78 5.62985 401548.88
3781508.78 5.96961
401568.88 3781508.78 6.37774 401588.88
3781508.78 6.81673
401608.88 3781508.78 7.29290 401628.88
3781508.78 7.82097
401648.88 3781508.78 8.41479 401668.88
3781508.78 9.05963
401688.88 3781508.78 9.75262 401708.88
3781508.78 10.54845
401728.88 3781508.78 11.43766 401748.88
3781508.78 12.25927
401768.88 3781508.78 13.22089 401788.88
3781508.78 14.13306
401808.88 3781508.78 15.03647 401828.88

3781508.78   15.85911
         401848.88   3781508.78   16.67452   401868.88
3781508.78   17.35255
         401888.88   3781508.78   17.88807   401908.88
3781508.78   18.23006
         401928.88   3781508.78   18.24019   401948.88
3781508.78   18.33441
         401968.88   3781508.78   18.38735   401988.88
3781508.78   18.22098

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         402008.88   3781508.78   17.98382   402028.88
3781508.78   17.65291
         402048.88   3781508.78   17.23460   402068.88
3781508.78   16.81236
         402088.88   3781508.78   16.33052   402108.88
3781508.78   15.86643
         402128.88   3781508.78   15.42554   402148.88
3781508.78   15.12853
         402168.88   3781508.78   14.67847   402188.88
3781508.78   14.28750
         402208.88   3781508.78   13.68429   402228.88
3781508.78   13.38485

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         402248.88    3781508.78       13.12128                    402268.88
3781508.78       12.88280
         402288.88    3781508.78       12.75190                    402308.88
3781508.78       12.64147
         402328.88    3781508.78       12.40955                    402348.88
3781508.78       12.27336
         402368.88    3781508.78       12.17794                    402388.88
3781508.78       12.02818
         402408.88    3781508.78       11.85991                    402428.88
3781508.78       11.56788
         402448.88    3781508.78       11.30368                    402468.88
3781508.78       11.15016
         402488.88    3781508.78       10.92899                    402508.88
3781508.78       10.87435
         401308.88    3781528.78        3.14002                    401328.88
3781528.78        3.29617
         401348.88    3781528.78        3.46365                    401368.88
3781528.78        3.64897
         401388.88    3781528.78        3.84882                    401408.88
3781528.78        4.06259
         401428.88    3781528.78        4.29801                    401448.88
3781528.78        4.55150
         401468.88    3781528.78        4.82852                    401488.88
3781528.78        5.13563
         401508.88    3781528.78        5.46418                    401528.88
3781528.78        5.83323
         401548.88    3781528.78        6.21561                    401568.88
3781528.78        6.66598
         401588.88    3781528.78        7.16140                    401608.88
3781528.78        7.68475
         401628.88    3781528.78        8.28132                    401648.88
3781528.78        8.96767
         401668.88    3781528.78        9.73139                    401688.88
3781528.78       10.57467
         401708.88    3781528.78       11.53755                    401728.88
3781528.78       12.63815
         401748.88    3781528.78       13.69542                    401768.88
3781528.78       14.93859
         401788.88    3781528.78       16.23909                    401808.88
3781528.78       17.49114
         401828.88    3781528.78       18.53736                    401848.88
3781528.78       19.63291
         401868.88    3781528.78       20.59176                    401888.88
3781528.78       21.27479
         401908.88    3781528.78       21.67410                    401928.88
3781528.78       22.01199
         401948.88    3781528.78       22.17330                    401968.88
3781528.78       22.06707
         401988.88    3781528.78       21.86633                    402008.88
3781528.78       21.29953
```

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         402028.88    3781528.78       20.82716                      402048.88
3781528.78       20.25176
         402068.88    3781528.78       19.68179                      402088.88
3781528.78       19.05159
         402108.88    3781528.78       18.47003                      402128.88
3781528.78       17.92029
         402148.88    3781528.78       17.39414                      402168.88
3781528.78       16.86797
         402188.88    3781528.78       16.41561                      402208.88
3781528.78       15.85154
         402228.88    3781528.78       15.67710                      402248.88
3781528.78       15.49974
         402268.88    3781528.78       15.39137                      402288.88
3781528.78       15.35200
         402308.88    3781528.78       15.20323                      402328.88
3781528.78       15.06782
         402348.88    3781528.78       15.43558                      402368.88
3781528.78       14.95688
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                   L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         402388.88    3781528.78       14.81798                      402408.88
3781528.78       14.61447
         402428.88    3781528.78       14.41577                      402448.88
```

3781528.78 14.13382
402468.88 3781528.78 14.48274 402488.88
3781528.78 14.15699
402508.88 3781528.78 13.13911 401308.88
3781548.78 3.16932
401328.88 3781548.78 3.32692 401348.88
3781548.78 3.50381
401368.88 3781548.78 3.70063 401388.88
3781548.78 3.91078
401408.88 3781548.78 4.13472 401428.88
3781548.78 4.38160
401448.88 3781548.78 4.65445 401468.88
3781548.78 4.95421
401488.88 3781548.78 5.28166 401508.88
3781548.78 5.63280
401528.88 3781548.78 6.03458 401548.88
3781548.78 6.45816
401568.88 3781548.78 6.95037 401588.88
3781548.78 7.50483
401608.88 3781548.78 8.13384 401628.88
3781548.78 8.83692
401648.88 3781548.78 9.60412 401668.88
3781548.78 10.49413
401688.88 3781548.78 11.48126 401708.88
3781548.78 12.61225
401728.88 3781548.78 13.96328 401748.88
3781548.78 15.42110
401768.88 3781548.78 17.15614 401788.88
3781548.78 18.97071
401808.88 3781548.78 20.76840 401828.88
3781548.78 22.48564
401848.88 3781548.78 23.95296 401868.88
3781548.78 25.09743
401888.88 3781548.78 26.00351 401908.88
3781548.78 26.45367
401928.88 3781548.78 26.82157 401948.88
3781548.78 26.90473
401968.88 3781548.78 26.72121 401988.88
3781548.78 26.38440
402008.88 3781548.78 25.83541 402028.88
3781548.78 25.28078
402048.88 3781548.78 24.50718 402068.88
3781548.78 23.59973
402088.88 3781548.78 22.66672 402108.88
3781548.78 21.98118
402128.88 3781548.78 21.28656 402148.88
3781548.78 20.68778
402168.88 3781548.78 20.18104 402188.88
3781548.78 19.55455
402208.88 3781548.78 18.98236 402228.88

```
3781548.78       18.87299
         402248.88    3781548.78       18.84330                      402268.88
3781548.78       19.13775
         402288.88    3781548.78       19.64347                      402308.88
3781548.78       19.73903
         402328.88    3781548.78       19.94941                      402348.88
3781548.78       20.95511
         402368.88    3781548.78       19.96995                      402388.88
3781548.78       20.22065
         402408.88    3781548.78       19.91928                      402428.88
3781548.78       19.59620
         402448.88    3781548.78       19.07887                      402468.88
3781548.78       19.14680
         402488.88    3781548.78       19.31760                      402508.88
3781548.78       18.16726
         401308.88    3781568.78        3.18634                      401328.88
3781568.78        3.34187
         401348.88    3781568.78        3.52878                      401368.88
3781568.78        3.73783
         401388.88    3781568.78        3.95527                      401408.88
3781568.78        4.19251
         401428.88    3781568.78        4.45181                      401448.88
3781568.78        4.74340
         401468.88    3781568.78        5.06297                      401488.88
3781568.78        5.41156
         401508.88    3781568.78        5.79647                      401528.88
3781568.78        6.22436
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 247
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
```

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401548.88	3781568.78	6.69373	401568.88	3781568.78	7.23328
401588.88	3781568.78	7.84154	401608.88	3781568.78	8.53780
401628.88	3781568.78	9.33217	401648.88	3781568.78	10.19287
401668.88	3781568.78	11.18080	401688.88	3781568.78	12.39417
401708.88	3781568.78	13.81468	401728.88	3781568.78	15.59966
401748.88	3781568.78	17.54041	401768.88	3781568.78	19.99358
401788.88	3781568.78	22.72526	401808.88	3781568.78	25.52099
401828.88	3781568.78	28.09293	401848.88	3781568.78	30.21662
401868.88	3781568.78	31.82713	401888.88	3781568.78	33.08211
401908.88	3781568.78	33.59529	401928.88	3781568.78	33.79607
401948.88	3781568.78	34.07776	401968.88	3781568.78	33.86563
401988.88	3781568.78	33.33362	402008.88	3781568.78	32.45660
402028.88	3781568.78	31.66016	402048.88	3781568.78	30.79322
402068.88	3781568.78	29.27076	402088.88	3781568.78	28.04556
402108.88	3781568.78	27.08741	402128.88	3781568.78	26.34044
402148.88	3781568.78	25.84541	402168.88	3781568.78	25.35634
402188.88	3781568.78	24.87235	402208.88	3781568.78	24.12311
402228.88	3781568.78	24.29250	402248.88	3781568.78	24.87473
402268.88	3781568.78	26.72393	402288.88	3781568.78	29.16296
402308.88	3781568.78	30.76834	402328.88	3781568.78	32.45818
402348.88	3781568.78	34.33183	402368.88	3781568.78	33.65989
402388.88	3781568.78	33.30509	402408.88	3781568.78	33.11246

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         402428.88    3781568.78       33.42955                       402448.88
3781568.78       32.45052
         402468.88    3781568.78       31.43504                       402488.88
3781568.78       32.44454
         402508.88    3781568.78       32.11451                       401308.88
3781588.78        3.18541
         401328.88    3781588.78        3.35427                       401348.88
3781588.78        3.53733
         401368.88    3781588.78        3.76246                       401388.88
3781588.78        3.98807
         401408.88    3781588.78        4.21518                       401428.88
3781588.78        4.49142
         401448.88    3781588.78        4.80389                       401468.88
3781588.78        5.14657
         401488.88    3781588.78        5.50499                       401508.88
3781588.78        5.94039
         401528.88    3781588.78        6.40374                       401548.88
3781588.78        6.91763
         401568.88    3781588.78        7.50398                       401588.88
3781588.78        8.17362
         401608.88    3781588.78        8.92719                       401628.88
3781588.78        9.79444
         401648.88    3781588.78       10.81874                       401668.88
3781588.78       11.98766
         401688.88    3781588.78       13.43246                       401708.88
3781588.78       15.18968
         401728.88    3781588.78       17.40857                       401748.88
3781588.78       20.12277
         401768.88    3781588.78       23.74882                       401788.88
3781588.78       28.35011
         401808.88    3781588.78       33.55372                       401828.88
3781588.78       38.13644
         401848.88    3781588.78       41.23273                       401868.88
3781588.78       43.08310
         401888.88    3781588.78       44.91810                       401908.88
3781588.78       45.45732
↟ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 248
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
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                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         401928.88    3781588.78       45.47970                     401948.88
3781588.78       45.70584
         401968.88    3781588.78       45.43190                     401988.88
3781588.78       44.63775
         402008.88    3781588.78       43.63422                     402028.88
3781588.78       42.29083
         402048.88    3781588.78       40.50415                     402068.88
3781588.78       38.74547
         402088.88    3781588.78       36.72821                     402108.88
3781588.78       35.26291
         402128.88    3781588.78       35.59992                     402148.88
3781588.78       36.63155
         402168.88    3781588.78       36.77845                     402188.88
3781588.78       36.27655
         402208.88    3781588.78       35.56031                     402228.88
3781588.78       36.80803
         402248.88    3781588.78       41.21394                     402268.88
3781588.78       50.62166
         402288.88    3781588.78       57.84969                     402308.88
3781588.78       55.55353
         402328.88    3781588.78       50.19818                     402348.88
3781588.78       54.10033
         402368.88    3781588.78       53.74288                     402388.88
3781588.78       48.45076
         402408.88    3781588.78       54.18862                     402428.88
3781588.78       47.56753
         402448.88    3781588.78       52.21951                     402468.88
3781588.78       50.93366
         402488.88    3781588.78       50.02354                     402508.88
3781588.78       49.19585
         401308.88    3781608.78        3.18484                     401328.88
3781608.78        3.35361
         401348.88    3781608.78        3.54174                     401368.88
3781608.78        3.77080
         401388.88    3781608.78        3.98913                     401408.88
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3781608.78 4.23493
  401428.88 3781608.78 4.52354 401448.88
3781608.78 4.85811
  401468.88 3781608.78 5.21242 401488.88
3781608.78 5.58689
  401508.88 3781608.78 6.04881 401528.88
3781608.78 6.54680
  401548.88 3781608.78 7.11477 401568.88
3781608.78 7.74845
  401588.88 3781608.78 8.47472 401608.88
3781608.78 9.30221
  401628.88 3781608.78 10.27247 401648.88
3781608.78 11.41692
  401668.88 3781608.78 12.69839 401688.88
3781608.78 14.41643
  401708.88 3781608.78 16.54981 401728.88
3781608.78 19.25241
  401748.88 3781608.78 23.09600 401768.88
3781608.78 28.52101
  401788.88 3781608.78 37.08591 401808.88
3781608.78 49.90262
  401828.88 3781608.78 59.04644 401848.88
3781608.78 64.59602
  401868.88 3781608.78 67.51657 401888.88
3781608.78 70.17067
  401908.88 3781608.78 71.72162 401928.88
3781608.78 71.06972
  401948.88 3781608.78 71.24495 401968.88
3781608.78 70.41685
  401988.88 3781608.78 69.60055 402008.88
3781608.78 67.71868
  402028.88 3781608.78 65.42483 402048.88
3781608.78 63.11372
  402068.88 3781608.78 60.40180 402088.88
3781608.78 55.46159
  402108.88 3781608.78 51.09371 402128.88
3781608.78 61.06075
  402148.88 3781608.78 72.24650 402168.88
3781608.78 63.40652
  402188.88 3781608.78 56.02030 402208.88
3781608.78 60.09079
  402228.88 3781608.78 53.75850 402248.88
3781608.78 65.89249
  402268.88 3781608.78 51.58145 402288.88
3781608.78 40.48675

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402308.88	3781608.78	28.05863	402328.88	3781608.78	25.61827
402348.88	3781608.78	31.49879	402368.88	3781608.78	30.97653
402388.88	3781608.78	30.41330	402408.88	3781608.78	29.77623
402428.88	3781608.78	29.26762	402448.88	3781608.78	29.07517
402468.88	3781608.78	28.63569	402488.88	3781608.78	28.13145
402508.88	3781608.78	27.52512	401308.88	3781628.78	3.17562
401328.88	3781628.78	3.34643	401348.88	3781628.78	3.53523
401368.88	3781628.78	3.75961	401388.88	3781628.78	3.99085
401408.88	3781628.78	4.24500	401428.88	3781628.78	4.54488
401448.88	3781628.78	4.88146	401468.88	3781628.78	5.25640
401488.88	3781628.78	5.64991	401508.88	3781628.78	6.14807
401528.88	3781628.78	6.66039	401548.88	3781628.78	7.27803
401568.88	3781628.78	7.95290	401588.88	3781628.78	8.73401

401608.88 3781628.78 9.64709 401628.88
3781628.78 10.71506
401648.88 3781628.78 11.99379 401668.88
3781628.78 13.53560
401688.88 3781628.78 15.44621 401708.88
3781628.78 17.97324
401728.88 3781628.78 21.32108 401748.88
3781628.78 26.17212
401768.88 3781628.78 33.96731 401788.88
3781628.78 50.71721
402128.88 3781628.78 80.41458 402148.88
3781628.78 54.64626
402168.88 3781628.78 46.11877 402188.88
3781628.78 42.60051
402208.88 3781628.78 40.15440 402228.88
3781628.78 36.95520
402248.88 3781628.78 32.56737 402268.88
3781628.78 28.49266
402288.88 3781628.78 21.26113 402308.88
3781628.78 17.93853
402328.88 3781628.78 17.58194 402348.88
3781628.78 21.12235
402368.88 3781628.78 20.69781 402388.88
3781628.78 18.25723
402408.88 3781628.78 17.54721 402428.88
3781628.78 19.08248
402448.88 3781628.78 18.99030 402468.88
3781628.78 18.72458
402488.88 3781628.78 18.51127 402508.88
3781628.78 18.17383
401308.88 3781648.78 3.15014 401328.88
3781648.78 3.33033
401348.88 3781648.78 3.52177 401368.88
3781648.78 3.73356
401388.88 3781648.78 3.97958 401408.88
3781648.78 4.24912
401428.88 3781648.78 4.55294 401448.88
3781648.78 4.88907
401468.88 3781648.78 5.27571 401488.88
3781648.78 5.70773
401508.88 3781648.78 6.20496 401528.88
3781648.78 6.76737
401548.88 3781648.78 7.40206 401568.88
3781648.78 8.12239
401588.88 3781648.78 8.96070 401608.88
3781648.78 9.93397
401628.88 3781648.78 11.08168 401648.88
3781648.78 12.47765
401668.88 3781648.78 14.19502 401688.88
3781648.78 16.34905

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401788.88	3781648.78	60.29019	402108.88	3781648.78	88.39136
402128.88	3781648.78	59.09020	402148.88	3781648.78	41.85078
402168.88	3781648.78	34.62760	402188.88	3781648.78	30.82583
402208.88	3781648.78	28.10016	402228.88	3781648.78	25.80442
402248.88	3781648.78	23.64093	402268.88	3781648.78	18.41915
402288.88	3781648.78	16.17303	402308.88	3781648.78	15.30178
402328.88	3781648.78	16.08154	402348.88	3781648.78	16.92562
402368.88	3781648.78	16.47757	402388.88	3781648.78	14.24665
402408.88	3781648.78	13.48981	402428.88		

3781648.78 14.48961
402448.88 3781648.78 14.33554 402468.88
3781648.78 14.34709
402488.88 3781648.78 14.26948 402508.88
3781648.78 14.18861
401308.88 3781668.78 3.11699 401328.88
3781668.78 3.29091
401348.88 3781668.78 3.48137 401368.88
3781668.78 3.69124
401388.88 3781668.78 3.93788 401408.88
3781668.78 4.22006
401428.88 3781668.78 4.52468 401448.88
3781668.78 4.86597
401468.88 3781668.78 5.27603 401488.88
3781668.78 5.72506
401508.88 3781668.78 6.23796 401528.88
3781668.78 6.80546
401548.88 3781668.78 7.48993 401568.88
3781668.78 8.21945
401588.88 3781668.78 9.10978 401608.88
3781668.78 10.13074
401628.88 3781668.78 11.39591 401648.88
3781668.78 12.89315
401668.88 3781668.78 14.75746 401688.88
3781668.78 17.12583
401708.88 3781668.78 20.28001 401728.88
3781668.78 24.61335
401748.88 3781668.78 31.11306 401768.88
3781668.78 41.99266
401788.88 3781668.78 65.72630 402108.88
3781668.78 83.23396
402128.88 3781668.78 49.39972 402148.88
3781668.78 36.84520
402168.88 3781668.78 30.27038 402188.88
3781668.78 26.03853
402208.88 3781668.78 23.26065 402228.88
3781668.78 21.77165
402248.88 3781668.78 19.64398 402268.88
3781668.78 16.14196
402288.88 3781668.78 14.68958 402308.88
3781668.78 13.70937
402328.88 3781668.78 14.07022 402348.88
3781668.78 14.19043
402368.88 3781668.78 13.92610 402388.88
3781668.78 13.07051
402408.88 3781668.78 11.94890 402428.88
3781668.78 12.22809
402448.88 3781668.78 12.06954 402468.88
3781668.78 11.95229
402488.88 3781668.78 11.75086 402508.88

3781668.78   11.66666
         401308.88   3781688.78   3.09897   401328.88
3781688.78   3.26938
         401348.88   3781688.78   3.46165   401368.88
3781688.78   3.67001
         401388.88   3781688.78   3.91850   401408.88
3781688.78   4.20630
         401428.88   3781688.78   4.53206   401448.88
3781688.78   4.88127
         401468.88   3781688.78   5.28879   401488.88
3781688.78   5.74761
         401508.88   3781688.78   6.27762   401528.88
3781688.78   6.85759

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 -
- -
         401548.88   3781688.78   7.53514   401568.88
3781688.78   8.31416
         401588.88   3781688.78   9.23303   401608.88
3781688.78   10.30365
         401628.88   3781688.78   11.59359   401648.88
3781688.78   13.17255
         401668.88   3781688.78   15.14820   401688.88
3781688.78   17.66746

401708.88 3781688.78 21.00375 401728.88
3781688.78 25.62874
401748.88 3781688.78 32.39461 401768.88
3781688.78 43.88589
401788.88 3781688.78 68.76358 402088.88
3781688.78 98.99179
402108.88 3781688.78 63.53756 402128.88
3781688.78 43.37023
402148.88 3781688.78 33.69210 402168.88
3781688.78 27.88701
402188.88 3781688.78 24.00978 402208.88
3781688.78 21.38738
402228.88 3781688.78 19.12281 402248.88
3781688.78 16.97589
402268.88 3781688.78 15.54831 402288.88
3781688.78 13.69919
402308.88 3781688.78 12.84198 402328.88
3781688.78 12.40154
402348.88 3781688.78 12.30284 402368.88
3781688.78 12.35865
402388.88 3781688.78 11.47159 402408.88
3781688.78 10.98287
402428.88 3781688.78 10.78227 402448.88
3781688.78 10.58908
402468.88 3781688.78 10.39858 402488.88
3781688.78 10.19600
402508.88 3781688.78 9.98613 401308.88
3781708.78 2.97055
401328.88 3781708.78 3.12305 401348.88
3781708.78 3.31585
401368.88 3781708.78 3.52463 401388.88
3781708.78 3.78133
401408.88 3781708.78 4.06598 401428.88
3781708.78 4.37761
401448.88 3781708.78 4.74275 401468.88
3781708.78 5.14510
401488.88 3781708.78 5.61466 401508.88
3781708.78 6.14611
401528.88 3781708.78 6.81240 401548.88
3781708.78 7.54867
401568.88 3781708.78 8.34936 401588.88
3781708.78 9.28801
401608.88 3781708.78 10.37269 401628.88
3781708.78 11.67427
401648.88 3781708.78 13.28225 401668.88
3781708.78 15.26507
401688.88 3781708.78 17.94171 401708.88
3781708.78 21.29073
401728.88 3781708.78 26.13331 401748.88
3781708.78 33.01348

```
         401768.88    3781708.78       44.57475                       401788.88
3781708.78       70.31535
         402088.88    3781708.78       75.14474                       402108.88
3781708.78       51.36137
         402128.88    3781708.78       38.59730                       402148.88
3781708.78       30.98486
         402168.88    3781708.78       25.94593                       402188.88
3781708.78       22.41754
         402208.88    3781708.78       19.98245                       402228.88
3781708.78       17.71315
         402248.88    3781708.78       15.70202                       402268.88
3781708.78       14.80792
         402288.88    3781708.78       13.17595                       402308.88
3781708.78       12.22226
         402328.88    3781708.78       11.54111                       402348.88
3781708.78       11.47961
         402368.88    3781708.78       11.22263                       402388.88
3781708.78       10.36339
         402408.88    3781708.78       10.14856                       402428.88
3781708.78        9.75991
         402448.88    3781708.78        9.45720                       402468.88
3781708.78        9.31003
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 252
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -

402488.88	3781708.78	9.11724	402508.88
3781708.78	8.83339		
401308.88	3781728.78	2.93558	401328.88
3781728.78	3.10013		
401348.88	3781728.78	3.30057	401368.88
3781728.78	3.51634		
401388.88	3781728.78	3.76004	401408.88
3781728.78	4.04425		
401428.88	3781728.78	4.36234	401448.88
3781728.78	4.72135		
401468.88	3781728.78	5.12948	401488.88
3781728.78	5.58664		
401508.88	3781728.78	6.13409	401528.88
3781728.78	6.80938		
401548.88	3781728.78	7.52628	401568.88
3781728.78	8.32252		
401588.88	3781728.78	9.27740	401608.88
3781728.78	10.33716		
401628.88	3781728.78	11.66090	401648.88
3781728.78	13.26356		
401668.88	3781728.78	15.28500	401688.88
3781728.78	17.89415		
401708.88	3781728.78	21.40693	401728.88
3781728.78	26.22281		
401748.88	3781728.78	33.17929	401768.88
3781728.78	44.98142		
401788.88	3781728.78	70.90630	402088.88
3781728.78	57.03433		
402108.88	3781728.78	42.54849	402128.88
3781728.78	33.73727		
402148.88	3781728.78	28.14358	402168.88
3781728.78	24.06810		
402188.88	3781728.78	21.02839	402208.88
3781728.78	18.71747		
402228.88	3781728.78	16.80518	402248.88
3781728.78	15.17814		
402268.88	3781728.78	13.89975	402288.88
3781728.78	12.82341		
402308.88	3781728.78	11.83055	402328.88
3781728.78	11.19058		
402348.88	3781728.78	10.62928	402368.88
3781728.78	10.31190		
402388.88	3781728.78	9.74356	402408.88
3781728.78	9.46155		
402428.88	3781728.78	9.08556	402448.88
3781728.78	8.76323		
402468.88	3781728.78	8.49881	402488.88
3781728.78	8.29094		
402508.88	3781728.78	8.03385	401308.88

3781748.78   2.88404
         401328.88   3781748.78   3.05125   401348.88
3781748.78   3.24589
         401368.88   3781748.78   3.45828   401388.88
3781748.78   3.70367
         401408.88   3781748.78   3.98297   401428.88
3781748.78   4.28977
         401448.88   3781748.78   4.66581   401468.88
3781748.78   5.05036
         401488.88   3781748.78   5.50949   401508.88
3781748.78   6.05720
         401528.88   3781748.78   6.71392   401548.88
3781748.78   7.45122
         401568.88   3781748.78   8.22748   401588.88
3781748.78   9.17044
         401608.88   3781748.78   10.18776   401628.88
3781748.78   11.48576
         401648.88   3781748.78   13.07057   401668.88
3781748.78   15.03762
         401688.88   3781748.78   17.58631   401708.88
3781748.78   21.05881
         401728.88   3781748.78   25.79171   401748.88
3781748.78   32.54062
         401768.88   3781748.78   44.43452   401788.88
3781748.78   70.54136
         402068.88   3781748.78   72.81071   402088.88
3781748.78   49.21005
         402108.88   3781748.78   38.16712   402128.88
3781748.78   31.89885
         402148.88   3781748.78   26.89754   402168.88
3781748.78   23.13021

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                                       L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                                       L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                                       L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402188.88	3781748.78	20.21774	402208.88	3781748.78	17.90467
402228.88	3781748.78	16.09790	402248.88	3781748.78	14.64289
402268.88	3781748.78	13.43340	402288.88	3781748.78	12.41987
402308.88	3781748.78	11.47800	402328.88	3781748.78	10.77356
402348.88	3781748.78	10.19550	402368.88	3781748.78	9.67243
402388.88	3781748.78	9.22806	402408.88	3781748.78	8.84364
402428.88	3781748.78	8.50581	402448.88	3781748.78	8.12247
402468.88	3781748.78	7.92840	402488.88	3781748.78	7.65788
402508.88	3781748.78	7.45248	401308.88	3781768.78	2.82280
401328.88	3781768.78	2.98720	401348.88	3781768.78	3.17927
401368.88	3781768.78	3.37840	401388.88	3781768.78	3.63295
401408.88	3781768.78	3.89333	401428.88	3781768.78	4.18381
401448.88	3781768.78	4.54952	401468.88	3781768.78	4.92470
401488.88	3781768.78	5.36377	401508.88	3781768.78	5.91567
401528.88	3781768.78	6.61292	401548.88	3781768.78	7.30339
401568.88	3781768.78	8.09174	401588.88	3781768.78	8.98080
401608.88	3781768.78	10.01474	401628.88	3781768.78	11.27531
401648.88	3781768.78	12.80187	401668.88	3781768.78	14.76753
401688.88	3781768.78	17.23791	401708.88	3781768.78	20.54186
401728.88	3781768.78	25.03362	401748.88	3781768.78	31.72564

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         401768.88    3781768.78       43.57719                      401788.88
3781768.78       69.82291
         402068.88    3781768.78       62.02249                      402088.88
3781768.78       43.87944
         402108.88    3781768.78       35.67358                      402128.88
3781768.78       29.41072
         402148.88    3781768.78       25.09936                      402168.88
3781768.78       21.85667
         402188.88    3781768.78       19.28864                      402208.88
3781768.78       17.14258
         402228.88    3781768.78       15.40732                      402248.88
3781768.78       14.09593
         402268.88    3781768.78       12.98247                      402288.88
3781768.78       12.02646
         402308.88    3781768.78       11.15204                      402328.88
3781768.78       10.39614
         402348.88    3781768.78        9.88530                      402368.88
3781768.78        9.36891
         402388.88    3781768.78        8.88509                      402408.88
3781768.78        8.47164
         402428.88    3781768.78        8.10625                      402448.88
3781768.78        7.79545
         402468.88    3781768.78        7.53517                      402488.88
3781768.78        7.28068
         402508.88    3781768.78        7.06245                      401308.88
3781788.78        2.58703
         401328.88    3781788.78        2.73255                      401348.88
3781788.78        2.92292
         401368.88    3781788.78        3.14255                      401388.88
3781788.78        3.37288
         401408.88    3781788.78        3.65299                      401428.88
3781788.78        3.90516
         401448.88    3781788.78        4.27909                      401468.88
3781788.78        4.66326
         401488.88    3781788.78        5.07717                      401508.88
3781788.78        5.62745
         401528.88    3781788.78        6.35331                      401548.88
3781788.78        7.09311
         401568.88    3781788.78        7.87080                      401588.88
3781788.78        8.68352
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 254
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
```

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401608.88	3781788.78	9.65451	401628.88	3781788.78	10.81702
401648.88	3781788.78	12.26670	401668.88	3781788.78	14.01218
401688.88	3781788.78	16.01804	401708.88	3781788.78	18.87909
401728.88	3781788.78	23.11508	401748.88	3781788.78	28.60077
401768.88	3781788.78	41.64880	401788.88	3781788.78	67.90062
402068.88	3781788.78	54.60862	402088.88	3781788.78	40.08710
402108.88	3781788.78	32.45637	402128.88	3781788.78	27.15209
402148.88	3781788.78	23.37188	402168.88	3781788.78	20.51420
402188.88	3781788.78	18.23037	402208.88	3781788.78	16.25374
402228.88	3781788.78	14.58679	402248.88	3781788.78	13.47686
402268.88	3781788.78	12.45511	402288.88	3781788.78	11.52478
402308.88	3781788.78	10.74613	402328.88	3781788.78	10.06421
402348.88	3781788.78	9.50891	402368.88	3781788.78	9.10700
402388.88	3781788.78	8.60368	402408.88	3781788.78	8.20100
402428.88	3781788.78	7.84289	402448.88	3781788.78	7.51816
402468.88	3781788.78	7.23444	402488.88		

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3781788.78        6.97971
         402508.88    3781788.78        6.74293                    401308.88
3781808.78        2.52113
         401328.88    3781808.78        2.65216                    401348.88
3781808.78        2.82016
         401368.88    3781808.78        3.00818                    401388.88
3781808.78        3.21057
         401408.88    3781808.78        3.44814                    401428.88
3781808.78        3.74305
         401448.88    3781808.78        4.09394                    401468.88
3781808.78        4.46215
         401488.88    3781808.78        4.87473                    401508.88
3781808.78        5.38329
         401528.88    3781808.78        6.14038                    401548.88
3781808.78        6.84300
         401568.88    3781808.78        7.51126                    401588.88
3781808.78        8.30413
         401608.88    3781808.78        9.23387                    401628.88
3781808.78       10.22404
         401648.88    3781808.78       10.90212                    401668.88
3781808.78       12.10155
         401688.88    3781808.78       14.01408                    401708.88
3781808.78       16.84601
         401728.88    3781808.78       20.68778                    401748.88
3781808.78       26.69094
         401768.88    3781808.78       36.85247                    401788.88
3781808.78       64.75208
         402068.88    3781808.78       48.57422                    402088.88
3781808.78       35.35964
         402108.88    3781808.78       29.31427                    402128.88
3781808.78       25.01778
         402148.88    3781808.78       21.70445                    402168.88
3781808.78       19.19734
         402188.88    3781808.78       17.17207                    402208.88
3781808.78       15.36657
         402228.88    3781808.78       13.84330                    402248.88
3781808.78       12.74134
         402268.88    3781808.78       11.90999                    402288.88
3781808.78       11.05140
         402308.88    3781808.78       10.34428                    402328.88
3781808.78        9.73307
         402348.88    3781808.78        9.22656                    402368.88
3781808.78        8.81714
         402388.88    3781808.78        8.31432                    402408.88
3781808.78        7.93343
         402428.88    3781808.78        7.59584                    402448.88
3781808.78        7.28420
         402468.88    3781808.78        6.99300                    402488.88
3781808.78        6.75172
↟ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402508.88	3781808.78	6.51520	401308.88	3781828.78	2.45786
401328.88	3781828.78	2.60548	401348.88	3781828.78	2.76942
401368.88	3781828.78	2.94963	401388.88	3781828.78	3.14854
401408.88	3781828.78	3.37365	401428.88	3781828.78	3.63646
401448.88	3781828.78	3.96395	401468.88	3781828.78	4.34840
401488.88	3781828.78	4.77831	401508.88	3781828.78	5.27975
401528.88	3781828.78	5.88410	401548.88	3781828.78	6.55470
401568.88	3781828.78	7.24823	401588.88	3781828.78	7.91282
401608.88	3781828.78	8.31791	401628.88	3781828.78	8.90975
401648.88	3781828.78	10.09732	401668.88	3781828.78	11.63515
401688.88	3781828.78	13.60399	401708.88	3781828.78	16.26031

401728.88 3781828.78 19.77249 401748.88
3781828.78 25.76550
401768.88 3781828.78 35.03688 401788.88
3781828.78 60.31663
402068.88 3781828.78 39.21080 402088.88
3781828.78 30.31746
402108.88 3781828.78 25.89798 402128.88
3781828.78 22.56229
402148.88 3781828.78 20.06091 402168.88
3781828.78 17.88661
402188.88 3781828.78 16.10649 402208.88
3781828.78 14.48777
402228.88 3781828.78 12.98679 402248.88
3781828.78 12.05631
402268.88 3781828.78 11.28607 402288.88
3781828.78 10.56082
402308.88 3781828.78 9.90457 402328.88
3781828.78 9.31810
402348.88 3781828.78 8.83506 402368.88
3781828.78 8.56418
402388.88 3781828.78 8.06274 402408.88
3781828.78 7.68111
402428.88 3781828.78 7.38352 402448.88
3781828.78 7.08267
402468.88 3781828.78 6.79103 402488.88
3781828.78 6.55774
402508.88 3781828.78 6.32408 401308.88
3781848.78 2.34624
401328.88 3781848.78 2.48020 401348.88
3781848.78 2.63608
401368.88 3781848.78 2.80659 401388.88
3781848.78 3.00096
401408.88 3781848.78 3.21585 401428.88
3781848.78 3.46773
401448.88 3781848.78 3.76696 401468.88
3781848.78 4.08242
401488.88 3781848.78 4.54830 401508.88
3781848.78 4.97526
401528.88 3781848.78 5.55102 401548.88
3781848.78 6.21305
401568.88 3781848.78 6.61900 401588.88
3781848.78 6.93374
401608.88 3781848.78 7.63359 401628.88
3781848.78 8.58171
401648.88 3781848.78 9.73556 401668.88
3781848.78 11.05239
401688.88 3781848.78 12.63963 401708.88
3781848.78 15.06784
401728.88 3781848.78 18.50179 401748.88
3781848.78 23.32758

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402028.88	3781848.78	38.07107	402048.88	3781848.78	34.81507
402068.88	3781848.78	29.25316	402088.88	3781848.78	25.18282
402108.88	3781848.78	21.79817	402128.88	3781848.78	20.02524
402148.88	3781848.78	18.00888	402168.88	3781848.78	16.53560
402188.88	3781848.78	15.02114	402208.88	3781848.78	13.65015
402228.88	3781848.78	12.36745	402248.88	3781848.78	11.40184
402268.88	3781848.78	10.60889	402288.88		

3781848.78 9.99995
402308.88 3781848.78 9.38655 402328.88
3781848.78 8.90409
402348.88 3781848.78 8.49131 402368.88
3781848.78 8.25023
402388.88 3781848.78 7.77596 402408.88
3781848.78 7.43902
402428.88 3781848.78 7.16361 402448.88
3781848.78 6.87388
402468.88 3781848.78 6.60875 402488.88
3781848.78 6.37600
402508.88 3781848.78 6.15392 401308.88
3781868.78 2.24762
401328.88 3781868.78 2.35070 401348.88
3781868.78 2.49716
401368.88 3781868.78 2.66088 401388.88
3781868.78 2.84329
401408.88 3781868.78 3.03362 401428.88
3781868.78 3.22010
401448.88 3781868.78 3.50515 401468.88
3781868.78 3.80907
401488.88 3781868.78 4.28081 401508.88
3781868.78 4.76600
401528.88 3781868.78 5.28698 401548.88
3781868.78 5.86021
401568.88 3781868.78 6.16435 401588.88
3781868.78 6.67310
401608.88 3781868.78 7.38162 401628.88
3781868.78 8.17798
401648.88 3781868.78 9.07460 401668.88
3781868.78 10.24581
401688.88 3781868.78 11.66507 401708.88
3781868.78 12.34163
401728.88 3781868.78 15.78824 401748.88
3781868.78 18.87343
401768.88 3781868.78 24.73011 401788.88
3781868.78 40.69564
401888.88 3781868.78 62.04234 401908.88
3781868.78 43.13319
401928.88 3781868.78 36.71802 401948.88
3781868.78 32.98221
401968.88 3781868.78 31.13323 401988.88
3781868.78 29.54369
402008.88 3781868.78 29.12670 402028.88
3781868.78 26.90423
402048.88 3781868.78 24.60026 402068.88
3781868.78 23.04304
402088.88 3781868.78 20.49467 402108.88
3781868.78 18.45130
402128.88 3781868.78 17.74523 402148.88

3781868.78 16.12846
402168.88 3781868.78 14.75948 402188.88
3781868.78 13.62597
402208.88 3781868.78 12.68440 402228.88
3781868.78 11.56480
402248.88 3781868.78 10.69682 402268.88
3781868.78 9.93346
402288.88 3781868.78 9.35363 402308.88
3781868.78 8.83142
402328.88 3781868.78 8.38130 402348.88
3781868.78 8.04717
402368.88 3781868.78 7.89752 402388.88
3781868.78 7.50102
402408.88 3781868.78 7.22164 402428.88
3781868.78 6.95229
402448.88 3781868.78 6.68524 402468.88
3781868.78 6.42991

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -
402488.88 3781868.78 6.22465 402508.88
3781868.78 6.01544
401308.88 3781888.78 2.03316 401328.88
3781888.78 2.12207

401348.88 3781888.78 2.23078 401368.88
3781888.78 2.34830
401388.88 3781888.78 2.48200 401408.88
3781888.78 2.65150
401428.88 3781888.78 2.83583 401448.88
3781888.78 3.08527
401468.88 3781888.78 3.35172 401488.88
3781888.78 3.88576
401508.88 3781888.78 4.27244 401528.88
3781888.78 4.90937
401548.88 3781888.78 5.48031 401568.88
3781888.78 5.88300
401588.88 3781888.78 6.40577 401608.88
3781888.78 6.94422
401628.88 3781888.78 7.65115 401648.88
3781888.78 8.45211
401668.88 3781888.78 8.73271 401688.88
3781888.78 8.78943
401708.88 3781888.78 9.88634 401728.88
3781888.78 12.23696
401748.88 3781888.78 16.13342 401768.88
3781888.78 18.49630
401788.88 3781888.78 24.37857 401808.88
3781888.78 30.55017
401828.88 3781888.78 44.26421 401848.88
3781888.78 50.86109
401868.88 3781888.78 47.20216 401888.88
3781888.78 37.16858
401908.88 3781888.78 30.42021 401928.88
3781888.78 26.67632
401948.88 3781888.78 23.87542 401968.88
3781888.78 21.36304
401988.88 3781888.78 20.71268 402008.88
3781888.78 21.54110
402028.88 3781888.78 20.38932 402048.88
3781888.78 18.54351
402068.88 3781888.78 17.83321 402088.88
3781888.78 16.70555
402108.88 3781888.78 15.65997 402128.88
3781888.78 14.50737
402148.88 3781888.78 14.16313 402168.88
3781888.78 13.31597
402188.88 3781888.78 12.36699 402208.88
3781888.78 11.62496
402228.88 3781888.78 10.83526 402248.88
3781888.78 9.95396
402268.88 3781888.78 9.13188 402288.88
3781888.78 8.65954
402308.88 3781888.78 8.26666 402328.88
3781888.78 7.92442

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         402348.88    3781888.78        7.76174                      402368.88
3781888.78        7.51096
         402388.88    3781888.78        7.19249                      402408.88
3781888.78        6.95695
         402428.88    3781888.78        6.71703                      402448.88
3781888.78        6.47738
         402468.88    3781888.78        6.24073                      402488.88
3781888.78        6.03096
         402508.88    3781888.78        5.83646                      401308.88
3781908.78        1.98992
         401328.88    3781908.78        2.08804                      401348.88
3781908.78        2.19412
         401368.88    3781908.78        2.30860                      401388.88
3781908.78        2.43298
         401408.88    3781908.78        2.57196                      401428.88
3781908.78        2.73288
         401448.88    3781908.78        2.95073                      401468.88
3781908.78        3.23850
         401488.88    3781908.78        3.60097                      401508.88
3781908.78        4.08053
         401528.88    3781908.78        4.59272                      401548.88
3781908.78        4.99934
         401568.88    3781908.78        5.37239                      401588.88
3781908.78        5.97219
         401608.88    3781908.78        6.49878                      401628.88
3781908.78        6.70138
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 258
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401648.88	3781908.78	6.54879	401668.88	3781908.78	7.08759
401688.88	3781908.78	8.00084	401708.88	3781908.78	9.11965
401728.88	3781908.78	10.51291	401748.88	3781908.78	12.63939
401768.88	3781908.78	13.89992	401788.88	3781908.78	15.92728
401808.88	3781908.78	18.53833	401828.88	3781908.78	22.73226
401848.88	3781908.78	24.42894	401868.88	3781908.78	26.44708
401888.88	3781908.78	23.99395	401908.88	3781908.78	21.73497
401928.88	3781908.78	19.12761	401948.88	3781908.78	17.52084
401968.88	3781908.78	16.29701	401988.88	3781908.78	15.79360
402008.88	3781908.78	15.28641	402028.88	3781908.78	14.99231
402048.88	3781908.78	14.42880	402068.88	3781908.78	14.17452
402088.88	3781908.78	13.66749	402108.88	3781908.78	13.13253
402128.88	3781908.78	12.36627	402148.88	3781908.78	12.22747
402168.88	3781908.78	11.96680	402188.88	3781908.78	11.10008
402208.88	3781908.78	10.60835	402228.88	3781908.78	9.98966
402248.88	3781908.78	9.28424	402268.88	3781908.78	8.45419
402288.88	3781908.78	7.90382	402308.88	3781908.78	7.62999
402328.88	3781908.78	7.37731	402348.88	3781908.78	7.23829
402368.88	3781908.78	7.03016	402388.88	3781908.78	6.89224
402408.88	3781908.78	6.64880	402428.88	3781908.78	6.42738
402448.88	3781908.78	6.21552	402468.88	3781908.78	6.02103
402488.88	3781908.78	5.83204	402508.88	3781908.78	5.65320
401308.88	3781928.78	1.87388	401328.88		

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3781928.78        1.97175
         401348.88    3781928.78        2.07085                         401368.88
3781928.78        2.18655
         401388.88    3781928.78        2.29948                         401408.88
3781928.78        2.41331
         401428.88    3781928.78        2.57141                         401448.88
3781928.78        2.72734
         401468.88    3781928.78        3.03921                         401488.88
3781928.78        3.37161
         401508.88    3781928.78        3.85242                         401528.88
3781928.78        4.15396
         401548.88    3781928.78        4.74179                         401568.88
3781928.78        5.04356
         401588.88    3781928.78        5.21988                         401608.88
3781928.78        5.13257
         401628.88    3781928.78        5.42105                         401648.88
3781928.78        6.00551
         401668.88    3781928.78        6.66279                         401688.88
3781928.78        7.47199
         401708.88    3781928.78        8.17482                         401728.88
3781928.78        8.91033
         401748.88    3781928.78        9.70128                         401768.88
3781928.78        9.86349
         401788.88    3781928.78       11.08320                         401808.88
3781928.78       12.96714
         401828.88    3781928.78       15.74129                         401848.88
3781928.78       16.62605
         401868.88    3781928.78       16.98579                         401888.88
3781928.78       16.03807
         401908.88    3781928.78       15.03866                         401928.88
3781928.78       14.19964
         401948.88    3781928.78       13.09046                         401968.88
3781928.78       12.21161
         401988.88    3781928.78       11.71393                         402008.88
3781928.78       11.67610
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        05:36:20

                                  PAGE 259
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL    ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                   L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                   L0000014    , L0000015    , L0000016    , L0000017    , L0000018
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, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402028.88	3781928.78	11.57307	402048.88	3781928.78	11.38537
402068.88	3781928.78	11.49460	402088.88	3781928.78	11.26443
402108.88	3781928.78	11.04108	402128.88	3781928.78	10.62632
402148.88	3781928.78	10.43157	402168.88	3781928.78	10.62224
402188.88	3781928.78	10.11509	402208.88	3781928.78	9.76633
402228.88	3781928.78	9.03751	402248.88	3781928.78	8.57410
402268.88	3781928.78	7.77492	402288.88	3781928.78	7.22798
402308.88	3781928.78	6.99725	402328.88	3781928.78	6.68505
402348.88	3781928.78	6.43774	402368.88	3781928.78	6.18916
402388.88	3781928.78	6.34227	402408.88	3781928.78	6.32024
402428.88	3781928.78	6.12596	402448.88	3781928.78	5.94346
402468.88	3781928.78	5.76679	402488.88	3781928.78	5.59942
402508.88	3781928.78	5.44003	401308.88	3781948.78	1.82551
401328.88	3781948.78	1.91973	401348.88	3781948.78	2.01524
401368.88	3781948.78	2.11933	401388.88	3781948.78	2.22510
401408.88	3781948.78	2.33519	401428.88	3781948.78	2.47262
401448.88	3781948.78	2.59054	401468.88	3781948.78	2.76628
401488.88	3781948.78	3.01952	401508.88	3781948.78	3.54313

```
         401528.88    3781948.78        4.05187                      401548.88
3781948.78        4.02065
         401568.88    3781948.78        3.88359                      401588.88
3781948.78        4.30452
         401608.88    3781948.78        4.65365                      401628.88
3781948.78        5.14293
         401648.88    3781948.78        5.68230                      401668.88
3781948.78        6.13841
         401688.88    3781948.78        6.51221                      401708.88
3781948.78        6.99825
         401728.88    3781948.78        7.70240                      401748.88
3781948.78        7.56353
         401768.88    3781948.78        7.75600                      401788.88
3781948.78        8.27500
         401808.88    3781948.78       10.07418                      401828.88
3781948.78       11.91943
         401848.88    3781948.78       12.43501                      401868.88
3781948.78       12.03994
         401888.88    3781948.78       11.59834                      401908.88
3781948.78       10.99072
         401928.88    3781948.78       10.45962                      401948.88
3781948.78        9.81663
         401968.88    3781948.78        9.13230                      401988.88
3781948.78        8.81910
         402008.88    3781948.78        8.99461                      402028.88
3781948.78        9.14043
         402048.88    3781948.78        9.05128                      402068.88
3781948.78        9.37935
         402088.88    3781948.78        9.29613                      402108.88
3781948.78        9.28592
         402128.88    3781948.78        8.98820                      402148.88
3781948.78        8.69282
         402168.88    3781948.78        9.45158                      402188.88
3781948.78        9.20163
         402208.88    3781948.78        8.74971                      402228.88
3781948.78        8.24358
         402248.88    3781948.78        7.88599                      402268.88
3781948.78        7.32466
         402288.88    3781948.78        6.80007                      402308.88
3781948.78        6.41517
         402328.88    3781948.78        6.11647                      402348.88
3781948.78        5.90259
         402368.88    3781948.78        5.62349                      402388.88
3781948.78        5.67415
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402408.88	3781948.78	5.93168	402428.88	3781948.78	5.77440
402448.88	3781948.78	5.62115	402468.88	3781948.78	5.46779
402488.88	3781948.78	5.31151	402508.88	3781948.78	5.17328
401308.88	3781968.78	1.55366	401328.88	3781968.78	1.61496
401348.88	3781968.78	1.68224	401368.88	3781968.78	1.74946
401388.88	3781968.78	1.82339	401408.88	3781968.78	1.90363
401428.88	3781968.78	1.99681	401448.88	3781968.78	2.26762
401468.88	3781968.78	2.45921	401488.88	3781968.78	2.58747
401508.88	3781968.78	3.26757	401528.88	3781968.78	3.38420
401548.88	3781968.78	3.32454	401568.88	3781968.78	3.64504
401588.88	3781968.78	3.95369	401608.88	3781968.78	4.37142
401628.88	3781968.78	4.74758	401648.88	3781968.78	4.96049
401668.88	3781968.78	5.45566	401688.88	3781968.78	5.81774
401708.88	3781968.78	5.97856	401728.88		

3781968.78 5.70069
401748.88 3781968.78 6.00746 401768.88
3781968.78 6.20952
401788.88 3781968.78 6.46177 401808.88
3781968.78 7.71363
401828.88 3781968.78 9.51907 401848.88
3781968.78 9.83248
401868.88 3781968.78 9.35106 401888.88
3781968.78 8.70782
401908.88 3781968.78 8.22517 401928.88
3781968.78 7.75851
401948.88 3781968.78 7.41970 401968.88
3781968.78 7.25466
401988.88 3781968.78 7.13913 402008.88
3781968.78 7.23328
402028.88 3781968.78 7.30096 402048.88
3781968.78 7.42150
402068.88 3781968.78 7.37073 402088.88
3781968.78 7.34076
402108.88 3781968.78 7.72241 402128.88
3781968.78 7.51671
402148.88 3781968.78 7.44809 402168.88
3781968.78 8.43980
402188.88 3781968.78 8.30209 402208.88
3781968.78 7.73605
402228.88 3781968.78 7.46155 402248.88
3781968.78 7.13429
402268.88 3781968.78 6.92568 402288.88
3781968.78 6.61899
402308.88 3781968.78 6.09492 402328.88
3781968.78 5.58793
402348.88 3781968.78 5.30846 402368.88
3781968.78 5.07012
402388.88 3781968.78 5.12884 402408.88
3781968.78 5.51653
402428.88 3781968.78 5.38710 402448.88
3781968.78 5.25869
402468.88 3781968.78 5.13462 402488.88
3781968.78 5.03587
402508.88 3781968.78 4.90815 401308.88
3781988.78 1.48999
401328.88 3781988.78 1.54700 401348.88
3781988.78 1.60941
401368.88 3781988.78 1.67956 401388.88
3781988.78 1.75415
401408.88 3781988.78 1.82973 401428.88
3781988.78 1.93871
401448.88 3781988.78 2.09610 401468.88
3781988.78 2.15490
401488.88 3781988.78 2.35452 401508.88

3781988.78 3.04212
401528.88 3781988.78 2.88029 401548.88
3781988.78 3.16623

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401568.88	3781988.78	3.39404	401588.88	3781988.78	3.65528
401608.88	3781988.78	3.86574	401628.88	3781988.78	4.21918
401648.88	3781988.78	4.54189	401668.88	3781988.78	4.54398
401688.88	3781988.78	4.20463	401708.88	3781988.78	4.04510
401728.88	3781988.78	4.30705	401748.88	3781988.78	4.87685
401768.88	3781988.78	4.82123	401788.88	3781988.78	5.09743
401808.88	3781988.78	5.80390	401828.88	3781988.78	7.67933
401848.88	3781988.78	7.74514	401868.88	3781988.78	7.36028
401888.88	3781988.78	6.72778	401908.88	3781988.78	6.32781

401928.88 3781988.78 6.20562 401948.88
3781988.78 6.12582
401968.88 3781988.78 6.10105 401988.88
3781988.78 6.07334
402008.88 3781988.78 6.09566 402028.88
3781988.78 6.10697
402048.88 3781988.78 6.33519 402068.88
3781988.78 6.28085
402088.88 3781988.78 6.22089 402108.88
3781988.78 6.23368
402128.88 3781988.78 6.34498 402148.88
3781988.78 6.62065
402168.88 3781988.78 7.47488 402188.88
3781988.78 7.32514
402208.88 3781988.78 6.92277 402228.88
3781988.78 6.66642
402248.88 3781988.78 6.36503 402268.88
3781988.78 6.06979
402288.88 3781988.78 5.78849 402308.88
3781988.78 5.34437
402328.88 3781988.78 4.82931 402348.88
3781988.78 4.74595
402368.88 3781988.78 4.57473 402388.88
3781988.78 4.59099
402408.88 3781988.78 5.11198 402428.88
3781988.78 5.03075
402448.88 3781988.78 4.88153 402468.88
3781988.78 4.78261
402488.88 3781988.78 4.67655 402508.88
3781988.78 4.57850
401308.88 3782008.78 1.42471 401328.88
3782008.78 1.47686
401348.88 3782008.78 1.53773 401368.88
3782008.78 1.58510
401388.88 3782008.78 1.63887 401408.88
3782008.78 1.71203
401428.88 3782008.78 1.82379 401448.88
3782008.78 1.90252
401468.88 3782008.78 1.95402 401488.88
3782008.78 2.23457
401508.88 3782008.78 2.69950 401528.88
3782008.78 2.75920
401548.88 3782008.78 2.88507 401568.88
3782008.78 3.07423
401588.88 3782008.78 3.29478 401608.88
3782008.78 3.53737
401628.88 3782008.78 3.55627 401648.88
3782008.78 3.32058
401668.88 3782008.78 3.16157 401688.88
3782008.78 3.24491

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401948.88	3782008.78	5.11949	401968.88	3782008.78	5.10050
401988.88	3782008.78	5.13123	402008.88	3782008.78	5.09504
402028.88	3782008.78	5.13205	402048.88	3782008.78	5.25096
402068.88	3782008.78	5.40762	402088.88	3782008.78	5.52988
402108.88	3782008.78	5.46814	402128.88		

3782008.78 5.45784
402148.88 3782008.78 6.29903 402168.88
3782008.78 6.55259
402188.88 3782008.78 6.56733 402208.88
3782008.78 6.15665
402228.88 3782008.78 5.94256 402248.88
3782008.78 5.68548
402268.88 3782008.78 5.17448 402288.88
3782008.78 4.92610
402308.88 3782008.78 4.44484 402328.88
3782008.78 4.28104
402348.88 3782008.78 4.25635 402368.88
3782008.78 4.03718
402388.88 3782008.78 4.19320 402408.88
3782008.78 4.50646
402428.88 3782008.78 4.36882 402448.88
3782008.78 4.30660
402468.88 3782008.78 4.40103 402488.88
3782008.78 4.20224
402508.88 3782008.78 4.13689 401308.88
3782028.78 1.36700
401328.88 3782028.78 1.41189 401348.88
3782028.78 1.44661
401368.88 3782028.78 1.45615 401388.88
3782028.78 1.45635
401408.88 3782028.78 1.52613 401428.88
3782028.78 1.67708
401448.88 3782028.78 1.66581 401468.88
3782028.78 1.80410
401488.88 3782028.78 2.11545 401508.88
3782028.78 2.45942
401528.88 3782028.78 2.46432 401548.88
3782028.78 2.60655
401568.88 3782028.78 2.89785 401588.88
3782028.78 2.75760
401608.88 3782028.78 2.66884 401628.88
3782028.78 2.53817
401648.88 3782028.78 2.57169 401668.88
3782028.78 2.76966
401688.88 3782028.78 2.93906 401708.88
3782028.78 3.15399
401728.88 3782028.78 3.31938 401748.88
3782028.78 3.40150
401768.88 3782028.78 3.34869 401788.88
3782028.78 3.50257
401808.88 3782028.78 3.89136 401828.88
3782028.78 4.29158
401848.88 3782028.78 4.40348 401868.88
3782028.78 4.25246
401888.88 3782028.78 4.18779 401908.88

3782028.78 4.25459
401928.88 3782028.78 4.13768 401948.88
3782028.78 3.99599
401968.88 3782028.78 3.93000 401988.88
3782028.78 3.90870
402008.88 3782028.78 3.96644 402028.88
3782028.78 4.05698
402048.88 3782028.78 4.19760 402068.88
3782028.78 4.40301
402088.88 3782028.78 4.50139 402108.88
3782028.78 4.54234
402128.88 3782028.78 4.70871 402148.88
3782028.78 5.60573
402168.88 3782028.78 5.79489 402188.88
3782028.78 5.69909
402208.88 3782028.78 5.32030 402228.88
3782028.78 5.23924
402248.88 3782028.78 4.91961 402268.88
3782028.78 4.69625
402288.88 3782028.78 3.98357 402308.88
3782028.78 3.67939

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
- -

402328.88 3782028.78 3.56429 402348.88
3782028.78 3.72052
402368.88 3782028.78 3.66717 402388.88
3782028.78 3.89314
402408.88 3782028.78 3.98676 402428.88
3782028.78 3.96356
402448.88 3782028.78 3.91096 402468.88
3782028.78 3.95632
402488.88 3782028.78 3.90533 402508.88
3782028.78 3.67533
401308.88 3782048.78 1.25962 401328.88
3782048.78 1.28710
401348.88 3782048.78 1.28155 401368.88
3782048.78 1.32657
401388.88 3782048.78 1.37486 401408.88
3782048.78 1.47194
401428.88 3782048.78 1.52940 401448.88
3782048.78 1.57602
401468.88 3782048.78 1.65199 401488.88
3782048.78 1.97759
401508.88 3782048.78 2.39092 401528.88
3782048.78 2.29690
401548.88 3782048.78 2.36134 401568.88
3782048.78 2.38438
401588.88 3782048.78 2.45728 401608.88
3782048.78 2.17163
401628.88 3782048.78 2.27299 401648.88
3782048.78 2.41200
401668.88 3782048.78 2.55648 401688.88
3782048.78 2.66527
401708.88 3782048.78 2.65105 401728.88
3782048.78 2.83262
401748.88 3782048.78 2.78859 401768.88
3782048.78 2.96363
401788.88 3782048.78 3.06196 401808.88
3782048.78 3.27946
401828.88 3782048.78 3.41414 401848.88
3782048.78 3.36995
401868.88 3782048.78 3.35073 401888.88
3782048.78 3.30992
401908.88 3782048.78 3.43335 401928.88
3782048.78 3.46403
401948.88 3782048.78 3.34838 401968.88
3782048.78 3.30307
401988.88 3782048.78 3.29338 402008.88
3782048.78 3.33384
402028.88 3782048.78 3.44033 402048.88
3782048.78 3.50918
402068.88 3782048.78 3.60867 402088.88
3782048.78 3.71974

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         402108.88    3782048.78        3.83897                      402128.88
3782048.78        4.05713
         402148.88    3782048.78        4.95258                      402168.88
3782048.78        5.26642
         402188.88    3782048.78        4.62549                      402208.88
3782048.78        3.98367
         402228.88    3782048.78        4.39043                      402248.88
3782048.78        4.38346
         402268.88    3782048.78        3.99952                      402288.88
3782048.78        3.41189
         402308.88    3782048.78        3.16339                      402328.88
3782048.78        3.14720
         402348.88    3782048.78        3.17733                      402368.88
3782048.78        3.17161
         402388.88    3782048.78        3.23959                      402408.88
3782048.78        3.45884
         402428.88    3782048.78        3.50518                      402448.88
3782048.78        3.37641
         402468.88    3782048.78        3.44350                      402488.88
3782048.78        3.36651
         402508.88    3782048.78        3.30375                      401308.88
3782068.78        1.15986
         401328.88    3782068.78        1.17582                      401348.88
3782068.78        1.20848
         401368.88    3782068.78        1.24669                      401388.88
3782068.78        1.30855
         401408.88    3782068.78        1.36493                      401428.88
3782068.78        1.37570
         401448.88    3782068.78        1.48418                      401468.88
3782068.78        1.55320
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 264
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401488.88	3782068.78	1.83449	401508.88	3782068.78	1.85388
401528.88	3782068.78	1.89601	401548.88	3782068.78	2.10851
401568.88	3782068.78	2.06886	401588.88	3782068.78	2.13160
401608.88	3782068.78	2.05601	401628.88	3782068.78	2.15871
401648.88	3782068.78	2.25669	401668.88	3782068.78	2.30222
401688.88	3782068.78	2.39000	401708.88	3782068.78	2.40912
401728.88	3782068.78	2.37816	401748.88	3782068.78	2.50241
401768.88	3782068.78	2.63617	401788.88	3782068.78	2.67686
401808.88	3782068.78	2.62519	401828.88	3782068.78	2.78748
401848.88	3782068.78	2.59723	401868.88	3782068.78	2.64532
401888.88	3782068.78	2.69373	401908.88	3782068.78	2.68127
401928.88	3782068.78	2.65966	401948.88	3782068.78	2.64830
401968.88	3782068.78	2.70261	401988.88	3782068.78	2.80661
402008.88	3782068.78	2.92998	402028.88	3782068.78	3.03880
402048.88	3782068.78	3.18482	402068.88	3782068.78	3.30336
402088.88	3782068.78	3.37493	402108.88	3782068.78	3.45996
402128.88	3782068.78	3.53654	402148.88	3782068.78	4.29344
402168.88	3782068.78	4.62151	402188.88	3782068.78	3.53732
402208.88	3782068.78	3.01998	402228.88	3782068.78	3.09686
402248.88	3782068.78	3.59225	402268.88	3782068.78	3.52087
402288.88	3782068.78	3.03171	402308.88		

3782068.78   2.81316
         402328.88   3782068.78   2.73630   402348.88
3782068.78   2.72232
         402368.88   3782068.78   2.74124   402388.88
3782068.78   2.78313
         402408.88   3782068.78   2.89782   402428.88
3782068.78   2.98530
         402448.88   3782068.78   2.95667   402468.88
3782068.78   3.29389
         402488.88   3782068.78   3.25349   402508.88
3782068.78   2.99136
         401308.88   3782088.78   1.09813   401328.88
3782088.78   1.12644
         401348.88   3782088.78   1.16155   401368.88
3782088.78   1.19400
         401388.88   3782088.78   1.21607   401408.88
3782088.78   1.23182
         401428.88   3782088.78   1.29022   401448.88
3782088.78   1.28736
         401468.88   3782088.78   1.47683   401488.88
3782088.78   1.67944
         401508.88   3782088.78   1.72714   401528.88
3782088.78   1.79742
         401548.88   3782088.78   1.90880   401568.88
3782088.78   1.88270
         401588.88   3782088.78   1.93596   401608.88
3782088.78   1.88744
         401628.88   3782088.78   1.95022   401648.88
3782088.78   2.05698
         401668.88   3782088.78   2.08521   401688.88
3782088.78   2.07839
         401708.88   3782088.78   2.03477   401728.88
3782088.78   2.00103
         401748.88   3782088.78   2.24331   401768.88
3782088.78   2.49482
         401788.88   3782088.78   2.39085   401808.88
3782088.78   2.19407
         401828.88   3782088.78   2.22794   401848.88
3782088.78   2.15768

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                  *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                      INCLUDING SOURCE(S):   L0000001   , L0000002

```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         401868.88    3782088.78        2.12559                       401888.88
3782088.78        2.20489
         401908.88    3782088.78        2.11601                       401928.88
3782088.78        2.10812
         401948.88    3782088.78        2.14658                       401968.88
3782088.78        2.32364
         401988.88    3782088.78        2.52648                       402008.88
3782088.78        2.54082
         402028.88    3782088.78        2.54526                       402048.88
3782088.78        2.71525
         402068.88    3782088.78        2.77663                       402088.88
3782088.78        2.87375
         402108.88    3782088.78        2.84171                       402128.88
3782088.78        2.90397
         402148.88    3782088.78        3.43432                       402168.88
3782088.78        3.91265
         402188.88    3782088.78        3.55458                       402208.88
3782088.78        2.57834
         402228.88    3782088.78        2.49426                       402248.88
3782088.78        2.67346
         402268.88    3782088.78        2.73786                       402288.88
3782088.78        2.68940
         402308.88    3782088.78        2.51260                       402328.88
3782088.78        2.40662
         402348.88    3782088.78        2.37433                       402368.88
3782088.78        2.39941
         402388.88    3782088.78        2.44635                       402408.88
3782088.78        2.51906
         402428.88    3782088.78        2.67608                       402448.88
3782088.78        2.71559
         402468.88    3782088.78        3.01954                       402488.88
3782088.78        2.83055
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         402508.88    3782088.78        2.59617                    401308.88
3782108.78        1.05667
         401328.88    3782108.78        1.08781                    401348.88
3782108.78        1.11681
         401368.88    3782108.78        1.12113                    401388.88
3782108.78        1.13580
         401408.88    3782108.78        1.14721                    401428.88
3782108.78        1.15593
         401448.88    3782108.78        1.17146                    401468.88
3782108.78        1.29242
         401488.88    3782108.78        1.49179                    401508.88
3782108.78        1.45811
         401528.88    3782108.78        1.55039                    401548.88
3782108.78        1.52887
         401568.88    3782108.78        1.50445                    401588.88
3782108.78        1.53833
         401608.88    3782108.78        1.59764                    401628.88
3782108.78        1.64230
         401648.88    3782108.78        1.67236                    401668.88
3782108.78        1.70963
         401688.88    3782108.78        1.68511                    401708.88
3782108.78        1.66364
         401728.88    3782108.78        1.67924                    401748.88
3782108.78        1.83835
         401768.88    3782108.78        1.96835                    401788.88
3782108.78        2.09850
         401808.88    3782108.78        1.85001                    401828.88
3782108.78        1.77633
         401848.88    3782108.78        1.78775                    401868.88
3782108.78        1.76314
         401888.88    3782108.78        1.82690                    401908.88
3782108.78        1.78394
         401928.88    3782108.78        1.79469                    401948.88
3782108.78        1.87957
         401968.88    3782108.78        2.07699                    401988.88
3782108.78        2.24566
         402008.88    3782108.78        2.08687                    402028.88
3782108.78        2.16869
         402048.88    3782108.78        2.37744                    402068.88
3782108.78        2.42921
         402088.88    3782108.78        2.43285                    402108.88
3782108.78        2.45869
         402128.88    3782108.78        2.53058                    402148.88
3782108.78        2.60366
         402168.88    3782108.78        3.11024                    402188.88
3782108.78        3.51947
         402208.88    3782108.78        2.48986                    402228.88
3782108.78        2.15681
↟ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402248.88	3782108.78	2.18171	402268.88	3782108.78	2.21506
402288.88	3782108.78	2.23218	402308.88	3782108.78	2.19555
402328.88	3782108.78	2.16461	402348.88	3782108.78	2.11491
402368.88	3782108.78	2.12154	402388.88	3782108.78	2.16560
402408.88	3782108.78	2.23014	402428.88	3782108.78	2.32679
402448.88	3782108.78	2.40804	402468.88	3782108.78	2.51949
402488.88	3782108.78	2.35750	402508.88	3782108.78	2.32215
401308.88	3782128.78	1.01346	401328.88	3782128.78	1.03623
401348.88	3782128.78	1.04818	401368.88	3782128.78	1.05046
401388.88	3782128.78	1.05931	401408.88	3782128.78	1.06785
401428.88	3782128.78	1.09373	401448.88	3782128.78	1.08367
401468.88	3782128.78	1.14658	401488.88		

3782128.78 1.19750
401508.88 3782128.78 1.20047 401528.88
3782128.78 1.28229
401548.88 3782128.78 1.24926 401568.88
3782128.78 1.24729
401588.88 3782128.78 1.29807 401608.88
3782128.78 1.33178
401628.88 3782128.78 1.38073 401648.88
3782128.78 1.45411
401668.88 3782128.78 1.45512 401688.88
3782128.78 1.41600
401708.88 3782128.78 1.43198 401728.88
3782128.78 1.43582
401748.88 3782128.78 1.57261 401768.88
3782128.78 1.70518
401788.88 3782128.78 1.84590 401808.88
3782128.78 1.63818
401828.88 3782128.78 1.52837 401848.88
3782128.78 1.54524
401868.88 3782128.78 1.53604 401888.88
3782128.78 1.56043
401908.88 3782128.78 1.56025 401928.88
3782128.78 1.61389
401948.88 3782128.78 1.70525 401968.88
3782128.78 1.91860
401988.88 3782128.78 1.91987 402008.88
3782128.78 1.78957
402028.88 3782128.78 1.86798 402048.88
3782128.78 2.03788
402068.88 3782128.78 2.16040 402088.88
3782128.78 2.12953
402108.88 3782128.78 2.15586 402128.88
3782128.78 2.21980
402148.88 3782128.78 2.25370 402168.88
3782128.78 2.48828
402188.88 3782128.78 3.09076 402208.88
3782128.78 2.21935
402228.88 3782128.78 1.94565 402248.88
3782128.78 1.88083
402268.88 3782128.78 1.90796 402288.88
3782128.78 1.91030
402308.88 3782128.78 1.91057 402328.88
3782128.78 1.90268
402348.88 3782128.78 1.89352 402368.88
3782128.78 1.89823
402388.88 3782128.78 1.94274 402408.88
3782128.78 2.00693
402428.88 3782128.78 2.09464 402448.88
3782128.78 2.18449
402468.88 3782128.78 2.15641 402488.88

3782128.78   2.08477
         402508.88   3782128.78   2.07079   401308.88
3782148.78   0.91453
         401328.88   3782148.78   0.96536   401348.88
3782148.78   0.97781
         401368.88   3782148.78   0.98202   401388.88
3782148.78   0.99223
↑ *** AERMOD - VERSION 19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at Sierra Madre\Meadows at ***   04/07/21
 *** AERMET - VERSION 16216 ***   ***
                       ***   05:36:20

                                  PAGE 267
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401408.88	3782148.78	1.00466	401428.88	3782148.78	0.99788
401448.88	3782148.78	1.00090	401468.88	3782148.78	1.02773
401488.88	3782148.78	0.99489	401508.88	3782148.78	1.01969
401528.88	3782148.78	1.07255	401548.88	3782148.78	1.07251
401568.88	3782148.78	1.07452	401588.88	3782148.78	1.12150
401608.88	3782148.78	1.14847	401628.88	3782148.78	1.19175
401648.88	3782148.78	1.24431	401668.88	3782148.78	1.27679

401688.88 3782148.78 1.22565 401708.88
3782148.78 1.24349
401728.88 3782148.78 1.27213 401748.88
3782148.78 1.36417
401768.88 3782148.78 1.43923 401788.88
3782148.78 1.57067
401808.88 3782148.78 1.44111 401828.88
3782148.78 1.38144
401848.88 3782148.78 1.36545 401868.88
3782148.78 1.36469
401888.88 3782148.78 1.37839 401908.88
3782148.78 1.41950
401928.88 3782148.78 1.50152 401948.88
3782148.78 1.63008
401968.88 3782148.78 1.69744 401988.88
3782148.78 1.59542
402008.88 3782148.78 1.55661 402028.88
3782148.78 1.61361
402048.88 3782148.78 1.76673 402068.88
3782148.78 1.83452
402088.88 3782148.78 1.89002 402108.88
3782148.78 1.90739
402128.88 3782148.78 1.95164 402148.88
3782148.78 1.98799
402168.88 3782148.78 2.21419 402188.88
3782148.78 2.69686
402208.88 3782148.78 2.11380 402228.88
3782148.78 1.76495
402248.88 3782148.78 1.68254 402268.88
3782148.78 1.67524
402288.88 3782148.78 1.67717 402308.88
3782148.78 1.67492
402328.88 3782148.78 1.68013 402348.88
3782148.78 1.68728
402368.88 3782148.78 1.71094 402388.88
3782148.78 1.75966
402408.88 3782148.78 1.81490 402428.88
3782148.78 1.86099
402448.88 3782148.78 1.97775 402468.88
3782148.78 1.96668
402488.88 3782148.78 1.88988 402508.88
3782148.78 1.86585
401308.88 3782168.78 0.88084 401328.88
3782168.78 0.88755
401348.88 3782168.78 0.87720 401368.88
3782168.78 0.89648
401388.88 3782168.78 0.92380 401408.88
3782168.78 0.94072
401428.88 3782168.78 0.94300 401448.88
3782168.78 0.97989

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
401788.88	3782168.78	1.38442	401808.88	3782168.78	1.29544
401828.88	3782168.78	1.25600	401848.88	3782168.78	1.23949
401868.88	3782168.78	1.24029	401888.88		

3782168.78 1.26473
401908.88 3782168.78 1.31174 401928.88
3782168.78 1.39990
401948.88 3782168.78 1.54698 401968.88
3782168.78 1.45631
401988.88 3782168.78 1.38579 402008.88
3782168.78 1.37842
402028.88 3782168.78 1.44044 402048.88
3782168.78 1.49849
402068.88 3782168.78 1.56691 402088.88
3782168.78 1.69119
402108.88 3782168.78 1.69636 402128.88
3782168.78 1.73300
402148.88 3782168.78 1.87472 402168.88
3782168.78 2.35283
402188.88 3782168.78 2.31348 402208.88
3782168.78 2.01683
402228.88 3782168.78 1.65571 402248.88
3782168.78 1.57216
402268.88 3782168.78 1.53375 402288.88
3782168.78 1.51821
402308.88 3782168.78 1.51276 402328.88
3782168.78 1.51369
402348.88 3782168.78 1.52026 402368.88
3782168.78 1.54481
402388.88 3782168.78 1.58563 402408.88
3782168.78 1.61910
402428.88 3782168.78 1.68836 402448.88
3782168.78 1.79882
402468.88 3782168.78 1.81590 402488.88
3782168.78 1.72994
402508.88 3782168.78 1.69779 401308.88
3782188.78 0.83048
401328.88 3782188.78 0.78891 401348.88
3782188.78 0.81784
401368.88 3782188.78 0.80732 401388.88
3782188.78 0.83290
401408.88 3782188.78 0.85959 401428.88
3782188.78 0.88031
401448.88 3782188.78 0.91725 401468.88
3782188.78 0.95252
401488.88 3782188.78 0.93927 401508.88
3782188.78 0.87561
401528.88 3782188.78 0.85801 401548.88
3782188.78 0.87303
401568.88 3782188.78 0.87914 401588.88
3782188.78 0.90381
401608.88 3782188.78 0.92396 401628.88
3782188.78 0.94000
401648.88 3782188.78 0.96076 401668.88

3782188.78   0.99959
         401688.88   3782188.78   1.00402   401708.88
3782188.78   1.01626
         401728.88   3782188.78   1.05080   401748.88
3782188.78   1.09322
         401768.88   3782188.78   1.14645   401788.88
3782188.78   1.22115
         401808.88   3782188.78   1.17975   401828.88
3782188.78   1.14898
         401848.88   3782188.78   1.14142   401868.88
3782188.78   1.14405
         401888.88   3782188.78   1.16975   401908.88
3782188.78   1.20689
         401928.88   3782188.78   1.26363   401948.88
3782188.78   1.37722
         401968.88   3782188.78   1.31483   401988.88
3782188.78   1.25118
         402008.88   3782188.78   1.24076   402028.88
3782188.78   1.27493
         402048.88   3782188.78   1.31314   402068.88
3782188.78   1.42119
         402088.88   3782188.78   1.51557   402108.88
3782188.78   1.48853
         402128.88   3782188.78   1.53190   402148.88
3782188.78   1.74446

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402168.88	3782188.78	2.10780	402188.88	3782188.78	1.94546
402208.88	3782188.78	1.70424	402228.88	3782188.78	1.56864
402248.88	3782188.78	1.49241	402268.88	3782188.78	1.44314
402288.88	3782188.78	1.42077	402308.88	3782188.78	1.39606
402328.88	3782188.78	1.38733	402348.88	3782188.78	1.38344
402368.88	3782188.78	1.39932	402388.88	3782188.78	1.42870
402408.88	3782188.78	1.46882	402428.88	3782188.78	1.54007
402448.88	3782188.78	1.60791	402468.88	3782188.78	1.65169
402488.88	3782188.78	1.57506	402508.88	3782188.78	1.54945
401308.88	3782208.78	0.74575	401328.88	3782208.78	0.74911
401348.88	3782208.78	0.74145	401368.88	3782208.78	0.75008
401388.88	3782208.78	0.75107	401408.88	3782208.78	0.76925
401428.88	3782208.78	0.79402	401448.88	3782208.78	0.80982
401468.88	3782208.78	0.83857	401488.88	3782208.78	0.88853
401508.88	3782208.78	0.84904	401528.88	3782208.78	0.81511
401548.88	3782208.78	0.80852	401568.88	3782208.78	0.81605
401588.88	3782208.78	0.83560	401608.88	3782208.78	0.84992
401628.88	3782208.78	0.86903	401648.88	3782208.78	0.88693
401668.88	3782208.78	0.91926	401688.88	3782208.78	0.92692
401708.88	3782208.78	0.94018	401728.88	3782208.78	0.96735
401748.88	3782208.78	1.00594	401768.88	3782208.78	1.05977
401788.88	3782208.78	1.10491	401808.88	3782208.78	1.07478
401828.88	3782208.78	1.05765	401848.88	3782208.78	1.05143

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         401868.88    3782208.78        1.05795                       401888.88
3782208.78        1.07730
         401908.88    3782208.78        1.11406                       401928.88
3782208.78        1.17196
         401948.88    3782208.78        1.25472                       401968.88
3782208.78        1.18674
         401988.88    3782208.78        1.13652                       402008.88
3782208.78        1.12909
         402028.88    3782208.78        1.16525                       402048.88
3782208.78        1.23073
         402068.88    3782208.78        1.32970                       402088.88
3782208.78        1.31875
         402108.88    3782208.78        1.32247                       402128.88
3782208.78        1.43485
         402148.88    3782208.78        1.55089                       402168.88
3782208.78        1.68966
         402188.88    3782208.78        1.90980                       402208.88
3782208.78        1.56644
         402228.88    3782208.78        1.49253                       402248.88
3782208.78        1.41854
         402268.88    3782208.78        1.34429                       402288.88
3782208.78        1.30225
         402308.88    3782208.78        1.28332                       402328.88
3782208.78        1.27277
         402348.88    3782208.78        1.27041                       402368.88
3782208.78        1.27726
         402388.88    3782208.78        1.30598                       402408.88
3782208.78        1.34339
         402428.88    3782208.78        1.38560                       402448.88
3782208.78        1.46216
         402468.88    3782208.78        1.51918                       402488.88
3782208.78        1.45757
         402508.88    3782208.78        1.42651                       402116.08
3781609.34       53.66562
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
402111.58	3781631.84	84.72431	402072.78	3781724.63	82.76237
402058.72	3781776.93	74.29350	402061.53	3781812.92	56.54440
402065.47	3781834.86	37.20820	401913.06	3781829.79	96.88336
401870.32	3781887.16	49.33538	401788.78	3781884.91	26.98235
401791.03	3781611.59	40.33910			

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

- -
399067.96 3778941.97 0.44809 (14111408) 399349.76
3778941.97 0.46595 (14111408)
399631.56 3778941.97 0.48986 (12021216) 399913.36
3778941.97 0.74130 (12021216)
400195.16 3778941.97 0.86741 (12111715) 400476.96
3778941.97 1.48074 (12111715)
400758.76 3778941.97 1.33089 (12021515) 401040.56
3778941.97 1.43342 (12021515)
401322.36 3778941.97 0.75593 (15042107) 401604.16
3778941.97 0.87883 (15042107)
401885.96 3778941.97 0.94823 (15122816) 402167.76
3778941.97 1.14769 (12101116)
402449.56 3778941.97 0.98231 (12101116) 402731.36
3778941.97 1.21421 (12042618)
403013.16 3778941.97 1.40559 (12042618) 403294.96
3778941.97 1.47417 (12120216)
403576.76 3778941.97 1.06373 (12120216) 403858.56
3778941.97 0.91114 (12111716)
404140.36 3778941.97 0.48685 (13041208) 404422.16
3778941.97 0.60192 (14120116)
404703.96 3778941.97 0.63494 (14120116) 399067.96
3779205.53 0.42351 (15120308)
399349.76 3779205.53 0.47977 (14111408) 399631.56
3779205.53 0.49377 (14111408)
399913.36 3779205.53 0.68353 (12021216) 400195.16
3779205.53 0.90186 (12021216)
400476.96 3779205.53 1.43317 (12111715) 400758.76
3779205.53 1.62101 (12111715)
401040.56 3779205.53 1.78840 (12021515) 401322.36
3779205.53 0.97133 (12021515)
401604.16 3779205.53 1.00649 (15042107) 401885.96
3779205.53 1.12518 (15122816)
402167.76 3779205.53 1.39453 (12101116) 402449.56
3779205.53 1.04139 (12101116)
402731.36 3779205.53 1.64826 (12042618) 403013.16
3779205.53 1.43539 (12042618)
403294.96 3779205.53 1.61589 (12120216) 403576.76
3779205.53 1.15678 (12111716)
403858.56 3779205.53 0.71157 (12111716) 404140.36
3779205.53 0.67069 (14120116)
404422.16 3779205.53 0.72123 (14120116) 404703.96
3779205.53 0.61839 (14120116)
399067.96 3779469.09 0.45481 (13121911) 399349.76
3779469.09 0.45210 (15120308)
399631.56 3779469.09 0.51578 (14111408) 399913.36
3779469.09 0.52583 (14111408)
400195.16 3779469.09 0.94096 (12021216) 400476.96
3779469.09 1.08777 (12111715)

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        400758.76   3779469.09        2.00370  (12111715)               401040.56
3779469.09        2.06935  (12021515)
        401322.36   3779469.09        1.56839  (12021515)               401604.16
3779469.09        1.17838  (12022715)
        401885.96   3779469.09        1.36100  (15122816)               402167.76
3779469.09        1.70644  (12101116)
        402449.56   3779469.09        1.24867  (12042618)               402731.36
3779469.09        2.10134  (12042618)
        403013.16   3779469.09        1.99640  (12120216)               403294.96
3779469.09        1.40374  (12120216)
        403576.76   3779469.09        1.07921  (12111716)               403858.56
3779469.09        0.76147  (14120116)
        404140.36   3779469.09        0.84145  (14120116)               404422.16
3779469.09        0.71232  (14120116)
        404703.96   3779469.09        0.58066  (12012517)               399067.96
3779732.65        0.49061  (13121911)
        399349.76   3779732.65        0.50616  (13121911)               399631.56
3779732.65        0.49137  (16093007)
        399913.36   3779732.65        0.55972  (14111408)               400195.16
3779732.65        0.73202  (12021216)
        400476.96   3779732.65        1.26153  (12021216)               400758.76
3779732.65        2.01237  (12111715)
        401040.56   3779732.65        2.23972  (12111715)               401322.36
3779732.65        2.39915  (12021515)
        401604.16   3779732.65        1.38197  (12022715)               401885.96
3779732.65        1.67568  (15122816)
        402167.76   3779732.65        2.10696  (12101116)               402449.56
3779732.65        1.99974  (12042618)
        402731.36   3779732.65        2.42213  (12042618)               403013.16
3779732.65        2.31094  (12120216)
        403294.96   3779732.65        1.56646  (12111716)               403576.76
3779732.65        0.88207  (14120116)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 272
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
403858.56	3779732.65	1.01300	(14120116)	404140.36	3779732.65	0.84588	(14120116)
404422.16	3779732.65	0.70150	(12012517)	404703.96	3779732.65	0.55809	(12012517)
399067.96	3779996.21	0.45846	(14061806)	399349.76	3779996.21	0.52412	(13121911)
399631.56	3779996.21	0.57171	(13121911)	399913.36	3779996.21	0.61122	(16093007)
400195.16	3779996.21	0.69168	(16093007)	400476.96	3779996.21	1.12881	(12021216)
400758.76	3779996.21	1.67628	(12021216)	401040.56	3779996.21	3.11705	(12111715)
401322.36	3779996.21	3.35293	(12021515)	401604.16	3779996.21	1.69792	(15011016)
401885.96	3779996.21	2.11892	(15122816)	402167.76	3779996.21	2.62291	(12101116)
402449.56	3779996.21	3.03340	(12042618)	402731.36	3779996.21	3.03994	(12120216)
403013.16	3779996.21	2.13885	(12111716)	403294.96	3779996.21	1.26073	(12111716)
403576.76	3779996.21	1.26850	(14120116)	403858.56	3779996.21	1.04446	(14120116)
404140.36	3779996.21	0.86469	(12012517)	404422.16	3779996.21	0.64180	(12012517)
404703.96	3779996.21	0.61126	(12031617)	399067.96	3780259.77	0.49759	(13033107)
399349.76	3780259.77	0.51901	(16093007)	399631.56	3780259.77	0.59183	(16093007)
399913.36	3780259.77	0.68007	(16093007)	400195.16	3780259.77	0.78848	(16093007)
400476.96	3780259.77	0.94397	(16093007)	400758.76	3780259.77	1.81411	(12021216)
401040.56	3780259.77	3.24956	(12111715)	401322.36	3780259.77	4.08926	(12021515)
401604.16	3780259.77	2.76097	(12021515)	401885.96	3780259.77	2.75669	(15122816)
402167.76	3780259.77	3.25654	(12101116)	402449.56	3780259.77	4.25394	(12042618)
402731.36	3780259.77	3.90226	(12120216)	403013.16			

3780259.77 2.26036 (12111716)
  403294.96 3780259.77 1.66890 (14120116) 403576.76
3780259.77 1.35245 (14120116)
  403858.56 3780259.77 1.09455 (12012517) 404140.36
3780259.77 0.75178 (12120114)
  404422.16 3780259.77 1.02486 (12031617) 404703.96
3780259.77 1.17606 (12031617)
  399067.96 3780523.33 0.51204 (13033107) 399349.76
3780523.33 0.55822 (16093007)
  399631.56 3780523.33 0.64342 (16093007) 399913.36
3780523.33 0.75390 (16093007)
  400195.16 3780523.33 0.90402 (16093007) 400476.96
3780523.33 1.08207 (16093007)
  400758.76 3780523.33 1.33449 (16093007) 401040.56
3780523.33 2.83572 (12021216)
  401322.36 3780523.33 5.64067 (12111715) 401604.16
3780523.33 5.18959 (12021515)
  401885.96 3780523.33 3.75945 (15122816) 402167.76
3780523.33 4.06274 (12101116)
  402449.56 3780523.33 5.32708 (12120216) 402731.36
3780523.33 3.81146 (12111716)
  403013.16 3780523.33 2.33759 (14120116) 403294.96
3780523.33 1.86336 (14120116)
  403576.76 3780523.33 1.43407 (12012517) 403858.56
3780523.33 1.23726 (12031617)
  404140.36 3780523.33 1.56429 (12031617) 404422.16
3780523.33 1.96116 (12031616)
  404703.96 3780523.33 2.21374 (12031616) 399067.96
3780786.89 0.86749 (12022717)
  399349.76 3780786.89 0.77506 (12022717) 399631.56
3780786.89 0.68359 (16093007)
  399913.36 3780786.89 0.82605 (16093007) 400195.16
3780786.89 1.01546 (16093007)
  400476.96 3780786.89 1.27758 (16093007) 400758.76
3780786.89 1.63827 (16093007)
  401040.56 3780786.89 2.39761 (12021216) 401322.36
3780786.89 6.30799 (12111715)
  401604.16 3780786.89 8.82819 (12021515) 401885.96
3780786.89 5.44368 (15122816)
  402167.76 3780786.89 7.49979 (12042618) 402449.56
3780786.89 8.01394 (12120216)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: EQUIP   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402731.36   3780786.89   3.57258 (14120116)   403013.16
3780786.89   2.86008 (12012517)
        403294.96   3780786.89   1.98466 (12012517)   403576.76
3780786.89   2.27128 (12031617)
        403858.56   3780786.89   3.00792 (12031616)   404140.36
3780786.89   3.20052 (12031616)
        404422.16   3780786.89   2.70659 (12031616)   404703.96
3780786.89   1.96591 (12031616)
        399067.96   3781050.45   1.22036 (12022717)   399349.76
3781050.45   1.43063 (12022717)
        399631.56   3781050.45   1.57715 (12022717)   399913.36
3781050.45   1.58413 (12022717)
        400195.16   3781050.45   1.45228 (12022717)   400476.96
3781050.45   1.48076 (16093007)
        400758.76   3781050.45   1.99504 (16093007)   401040.56
3781050.45   2.73733 (16093007)
        401322.36   3781050.45   5.23622 (12021216)   401604.16
3781050.45   13.55937 (12111715)
        401885.96   3781050.45   8.70035 (15122816)   402167.76
3781050.45   13.71379 (12042618)
        402449.56   3781050.45   7.89433 (12111716)   402731.36
3781050.45   5.14924 (12012517)
        403013.16   3781050.45   3.89006 (12031617)   403294.96
3781050.45   5.37746 (12031616)
        403576.76   3781050.45   5.22195 (12031616)   403858.56
3781050.45   3.80030 (12031616)
        404140.36   3781050.45   2.50298 (12120116)   404422.16
3781050.45   2.43586 (12120116)
        404703.96   3781050.45   2.26142 (12120116)   399067.96
3781314.01   0.75906 (12022717)

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        399349.76   3781314.01        1.07236  (12022717)              399631.56
3781314.01        1.50896  (12022717)
        399913.36   3781314.01        2.11921  (12022717)              400195.16
3781314.01        2.92053  (12022717)
        400476.96   3781314.01        3.63225  (12022717)              400758.76
3781314.01        4.16123  (12022717)
        401040.56   3781314.01        3.83865  (12022717)              401322.36
3781314.01        5.70296  (16093007)
        401604.16   3781314.01       18.19050  (12111715)              401885.96
3781314.01       20.52943  (12021515)
        402167.76   3781314.01       26.11689  (12120216)              402449.56
3781314.01       11.49330  (12012517)
        402731.36   3781314.01       13.81647  (12031616)              403013.16
3781314.01       10.81583  (12031616)
        403294.96   3781314.01        6.60768  (12120116)              403576.76
3781314.01        5.45297  (12120116)
        403858.56   3781314.01        4.18420  (12120116)              404140.36
3781314.01        3.06692  (12120116)
        404422.16   3781314.01        2.30439  (12120116)              404703.96
3781314.01        1.70695  (12120116)
        399067.96   3781577.57        0.60382  (16123115)              399349.76
3781577.57        0.66458  (16093007)
        399631.56   3781577.57        0.81904  (16093007)              399913.36
3781577.57        1.04940  (16093007)
        400195.16   3781577.57        1.41869  (12022717)              400476.96
3781577.57        2.44307  (12022717)
        400758.76   3781577.57        4.31690  (12022717)              401040.56
3781577.57        7.95444  (12022717)
        401322.36   3781577.57       15.24689  (12022717)              401604.16
3781577.57       26.63061  (12022717)
        401885.96   3781577.57       98.63739  (12021515)              402167.76
3781577.57       87.28972  (12031616)
        402449.56   3781577.57       35.03080  (12120116)              402731.36
3781577.57       18.79464  (12120116)
        403013.16   3781577.57       10.06688  (12120116)              403294.96
3781577.57        5.59843  (12120116)
        403576.76   3781577.57        3.23064  (12120116)              403858.56
3781577.57        2.02077  (12102016)
        404140.36   3781577.57        1.61514  (12102016)              404422.16
3781577.57        1.38566  (12102016)
        404703.96   3781577.57        1.20343  (12102016)              399067.96
3781841.13        1.30797  (12120215)
        399349.76   3781841.13        1.59893  (12120215)              399631.56
3781841.13        2.00271  (12120215)
        399913.36   3781841.13        2.57084  (12120215)              400195.16
3781841.13        3.39779  (12120215)
        400476.96   3781841.13        5.07549  (12033117)              400758.76
3781841.13        8.61299  (12033117)
        401040.56   3781841.13       17.36779  (12033117)              401322.36
3781841.13       33.94429  (12033117)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401604.16	3781841.13	70.69194	(12033117)	402167.76	3781841.13	86.50065	(12121716)
402449.56	3781841.13	38.68788	(12043018)	402731.36	3781841.13	16.96896	(12043018)
403013.16	3781841.13	17.63123	(15081220)	403294.96	3781841.13	16.73204	(12081220)
403576.76	3781841.13	10.22058	(15081623)	403858.56	3781841.13	2.33597	(14120516)
404140.36	3781841.13	1.87235	(14120516)	404422.16	3781841.13	3.66421	(16092818)
404703.96	3781841.13	1.43070	(15100918)	399067.96	3782104.69	1.96103	(12033117)
399349.76	3782104.69	2.58522	(12033117)	399631.56	3782104.69	3.38870	(12033117)
399913.36	3782104.69	4.40564	(12033117)	400195.16	3782104.69	6.25916	(15091502)
400476.96	3782104.69	11.07636	(16072305)	400758.76	3782104.69	7.03117	(12033117)
401040.56	3782104.69	22.89350	(13090623)	401322.36	3782104.69	31.45226	(13090603)
401604.16	3782104.69	42.36450	(12092824)	401885.96			

```
3782104.69       49.68580  (13082624)
        402167.76   3782104.69       37.92810  (15092101)                402449.56
3782104.69       30.69590  (15091021)
        402731.36   3782104.69       24.82105  (12080821)                403013.16
3782104.69       21.03285  (15063021)
        403294.96   3782104.69       16.54530  (13083101)                403576.76
3782104.69       13.66181  (15081322)
        403858.56   3782104.69        3.72052  (12043018)                404140.36
3782104.69        9.93568  (15090621)
        404422.16   3782104.69        8.80968  (14090723)                404703.96
3782104.69        8.52562  (14090622)
        399067.96   3782368.25        2.33468  (12033117)                399349.76
3782368.25        2.47545  (12033117)
        399631.56   3782368.25        3.00111  (15060922)                399913.36
3782368.25        7.61790  (15090901)
        400195.16   3782368.25       10.07048  (13082905)                400476.96
3782368.25       15.52065  (13090623)
        400758.76   3782368.25       18.20324  (15090806)                401040.56
3782368.25       22.38172  (15092105)
        401322.36   3782368.25       27.73720  (13082701)                401604.16
3782368.25       35.81034  (15032824)
        401885.96   3782368.25       35.11256  (13082624)                402167.76
3782368.25       29.76341  (12100219)
        402449.56   3782368.25       28.40260  (13062822)                402731.36
3782368.25       24.09520  (14091424)
        403013.16   3782368.25       20.06433  (13090620)                403294.96
3782368.25       16.34266  (12081924)
        403576.76   3782368.25       14.11359  (13082920)                403858.56
3782368.25       11.06688  (15063021)
        404140.36   3782368.25        9.95638  (13083101)                404422.16
3782368.25        9.20401  (14091320)
        404703.96   3782368.25        7.90610  (15081322)                399067.96
3782631.81        1.02160  (12033117)
        399349.76   3782631.81        5.54371  (13092404)                399631.56
3782631.81        3.01446  (16122319)
        399913.36   3782631.81       11.14184  (13090623)                400195.16
3782631.81       12.39787  (13090706)
        400476.96   3782631.81       13.40499  (16100905)                400758.76
3782631.81       16.23202  (13062904)
        401040.56   3782631.81       21.91103  (16062005)                401322.36
3782631.81       25.20350  (15093002)
        401604.16   3782631.81       27.08235  (14091502)                401885.96
3782631.81       26.52607  (13082624)
        402167.76   3782631.81       24.62226  (12093020)                402449.56
3782631.81       22.85285  (16110917)
        402731.36   3782631.81       20.28723  (15091221)                403013.16
3782631.81       17.63721  (12090220)
        403294.96   3782631.81       15.34618  (12082820)                403576.76
3782631.81       12.99630  (12080924)
        403858.56   3782631.81       10.98716  (12081924)                404140.36
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3782631.81   10.01070 (13083023)
        404422.16   3782631.81   9.02268 (14091723)   404703.96
3782631.81   7.95800 (14070522)
        399067.96   3782895.37   0.52098 (16093007)   399349.76
3782895.37   1.14154 (13012505)
        399631.56   3782895.37   9.04877 (15072504)   399913.36
3782895.37   10.40874 (12092002)
        400195.16   3782895.37   10.87415 (16110402)   400476.96
3782895.37   12.65661 (16092906)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        400758.76   3782895.37   16.34874 (16062005)   401040.56
3782895.37   18.28704 (12081906)
        401322.36   3782895.37   20.38496 (16081403)   401604.16
3782895.37   21.26509 (12100206)
        401885.96   3782895.37   20.84952 (13082624)   402167.76
3782895.37   19.91006 (13012319)
        402449.56   3782895.37   18.78248 (16092519)   402731.36
3782895.37   17.19543 (15090824)
        403013.16   3782895.37   15.15420 (13082023)   403294.96
3782895.37   13.66767 (12090220)
        403576.76   3782895.37   12.08418 (14091419)   403858.56
3782895.37   10.85595 (13090620)

404140.36 3782895.37 9.62491 (13082821) 404422.16 3782895.37 8.60223 (12081924)
404703.96 3782895.37 7.74478 (12090420) 399067.96 3783158.93 1.39048 (13012505)
399349.76 3783158.93 7.87771 (15090806) 399631.56 3783158.93 8.32997 (16100905)
399913.36 3783158.93 9.11372 (15092105) 400195.16 3783158.93 10.68399 (13090506)
400476.96 3783158.93 12.49056 (16062005) 400758.76 3783158.93 13.72912 (14100501)
401040.56 3783158.93 15.67781 (15102324) 401322.36 3783158.93 16.78041 (14100506)
401604.16 3783158.93 17.43884 (15091302) 401885.96 3783158.93 17.21012 (13082624)
402167.76 3783158.93 16.40059 (13092320) 402449.56 3783158.93 15.61778 (13042102)
402731.36 3783158.93 14.55902 (16110917) 403013.16 3783158.93 12.57549 (12100119)
403294.96 3783158.93 12.30151 (12080922) 403576.76 3783158.93 11.06601 (12081723)
403858.56 3783158.93 10.05552 (14091419) 404140.36 3783158.93 9.00395 (13082420)
404422.16 3783158.93 8.19902 (12082821) 404703.96 3783158.93 7.37865 (12081706)
399067.96 3783422.49 7.28724 (13090603) 399349.76 3783422.49 7.04026 (12100202)
399631.56 3783422.49 7.88607 (13090605) 399913.36 3783422.49 9.06414 (13090506)
400195.16 3783422.49 10.34490 (12081803) 400476.96 3783422.49 11.29233 (15080404)
400758.76 3783422.49 12.41389 (12101424) 401040.56 3783422.49 13.40321 (16081403)
401322.36 3783422.49 14.11673 (14091502) 401604.16 3783422.49 14.45307 (12090123)
401885.96 3783422.49 14.58811 (13082624) 402167.76 3783422.49 14.05236 (13092320)
402449.56 3783422.49 13.35152 (12090501) 402731.36 3783422.49 12.74095 (16092519)
403013.16 3783422.49 10.59142 (12080921) 403294.96 3783422.49 11.04470 (13062822)
403576.76 3783422.49 10.05746 (12080922) 403858.56 3783422.49 9.18338 (12081723)
404140.36 3783422.49 8.41939 (15091021) 404422.16 3783422.49 7.60406 (12082820)
404703.96 3783422.49 6.57960 (13090620) 399067.96 3783686.05 6.19234 (15092105)
399349.76 3783686.05 7.03901 (13090605) 399631.56 3783686.05 7.85897 (13090506)
399913.36 3783686.05 8.71149 (12081803) 400195.16 3783686.05 9.42831 (12092323)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
399631.56	3783949.61	7.43059	(12081803)	399913.36	3783949.61	8.03048	(12092323)
400195.16	3783949.61	8.66947	(15101402)	400476.96			

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3783949.61        9.22551  (12110603)
        400758.76   3783949.61        9.73708  (15072705)                401040.56
3783949.61       10.28867  (15080504)
        401322.36   3783949.61       10.69208  (12100206)                401604.16
3783949.61       10.45914  (16072205)
        401885.96   3783949.61        8.15035  (16091906)                402167.76
3783949.61        6.86790  (13030301)
        402449.56   3783949.61        7.92340  (16090406)                402731.36
3783949.61        6.11748  (12050621)
        403013.16   3783949.61        8.96075  (13101921)                403294.96
3783949.61        8.96304  (15092101)
        403576.76   3783949.61        8.36807  (12090720)                403858.56
3783949.61        7.81918  (13031319)
        404140.36   3783949.61        7.29435  (15101321)                404422.16
3783949.61        5.87566  (12091020)
        404703.96   3783949.61        4.96949  (16072522)                399067.96
3784213.17        5.97007  (14091901)
        399349.76   3784213.17        6.44698  (12081803)                399631.56
3784213.17        6.83618  (15100801)
        399913.36   3784213.17        7.39406  (14100501)                400195.16
3784213.17        7.46853  (12101424)
        400476.96   3784213.17        7.09779  (14123017)                400758.76
3784213.17        7.23112  (16092221)
        401040.56   3784213.17        9.08625  (14091502)                401322.36
3784213.17        9.40908  (16072404)
        401604.16   3784213.17        9.53995  (14091422)                401885.96
3784213.17        6.18513  (13051722)
        402167.76   3784213.17        3.50874  (15022819)                402449.56
3784213.17        4.96313  (12082705)
        402731.36   3784213.17        8.00464  (15102401)                403013.16
3784213.17        8.34562  (12010717)
        403294.96   3784213.17        8.07127  (13081422)                403576.76
3784213.17        7.63498  (15091924)
        403858.56   3784213.17        6.84592  (12100119)                404140.36
3784213.17        5.55826  (12092420)
        404422.16   3784213.17        3.92831  (12090219)                404703.96
3784213.17        4.92540  (12091020)
        401308.88   3781008.78        5.13387  (12021216)                401328.88
3781008.78        5.45712  (12021216)
        401348.88   3781008.78        5.75685  (12021216)                401368.88
3781008.78        6.02631  (12111715)
        401388.88   3781008.78        6.86681  (12111715)                401408.88
3781008.78        7.71761  (12111715)
        401428.88   3781008.78        8.60540  (12111715)                401448.88
3781008.78        9.46791  (12111715)
        401468.88   3781008.78       10.25060  (12111715)                401488.88
3781008.78       10.95206  (12111715)
        401508.88   3781008.78       11.55609  (12111715)                401528.88
3781008.78       12.00696  (12111715)
        401548.88   3781008.78       12.29704  (12111715)                401568.88
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3781008.78   12.42939 (12111715)
        401588.88   3781008.78   12.37784 (12111715)   401608.88
3781008.78   12.17485 (12111715)
        401628.88   3781008.78   12.63938 (12021515)   401648.88
3781008.78   12.98180 (12021515)
        401668.88   3781008.78   13.12721 (12021515)   401688.88
3781008.78   13.05043 (12021515)
        401708.88   3781008.78   12.74919 (12021515)   401728.88
3781008.78   12.27112 (12021515)
        401748.88   3781008.78   11.61927 (12021515)   401768.88
3781008.78   10.82155 (12021515)
        401788.88   3781008.78   9.92422 (12021515)   401808.88
3781008.78   8.94282 (12021515)
        401828.88   3781008.78   7.93491 (12021515)   401848.88
3781008.78   7.76345 (15122816)
        401868.88   3781008.78   7.93921 (15122816)   401888.88
3781008.78   8.00104 (15122816)
        401908.88   3781008.78   7.93477 (15122816)   401928.88
3781008.78   8.55972 (12101116)
        401948.88   3781008.78   9.09226 (12101116)   401968.88
3781008.78   9.48975 (12101116)
        401988.88   3781008.78   9.73747 (12101116)   402008.88
3781008.78   9.82506 (12101116)
        402028.88   3781008.78   9.71562 (12101116)   402048.88
3781008.78   9.50154 (12101116)
        402068.88   3781008.78   10.02636 (12042618)   402088.88
3781008.78   10.81826 (12042618)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                               ** CONC OF PM_10   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402108.88	3781008.78	11.51049	(12042618)	402128.88	3781008.78	12.03735	(12042618)
402148.88	3781008.78	12.38469	(12042618)	402168.88	3781008.78	12.53226	(12042618)
402188.88	3781008.78	12.52393	(12042618)	402208.88	3781008.78	12.34307	(12042618)
402228.88	3781008.78	11.99981	(12042618)	402248.88	3781008.78	12.36422	(12120216)
402268.88	3781008.78	12.57529	(12120216)	402288.88	3781008.78	12.59216	(12120216)
402308.88	3781008.78	12.39623	(12120216)	402328.88	3781008.78	12.04430	(12120216)
402348.88	3781008.78	11.49783	(12120216)	402368.88	3781008.78	10.82169	(12120216)
402388.88	3781008.78	10.03398	(12120216)	402408.88	3781008.78	9.16097	(12120216)
402428.88	3781008.78	8.25168	(12111716)	402448.88	3781008.78	7.90272	(12111716)
402468.88	3781008.78	7.47113	(12111716)	402488.88	3781008.78	6.97726	(12111716)
402508.88	3781008.78	6.42418	(12111716)	401308.88	3781028.78	5.07254	(12021216)
401328.88	3781028.78	5.42826	(12021216)	401348.88	3781028.78	5.77369	(12021216)
401368.88	3781028.78	6.07642	(12021216)	401388.88	3781028.78	6.60309	(12111715)
401408.88	3781028.78	7.54007	(12111715)	401428.88	3781028.78	8.45174	(12111715)
401448.88	3781028.78	9.35502	(12111715)	401468.88	3781028.78	10.23886	(12111715)
401488.88	3781028.78	11.01552	(12111715)	401508.88	3781028.78	11.70192	(12111715)
401528.88	3781028.78	12.26492	(12111715)	401548.88	3781028.78	12.66413	(12111715)
401568.88	3781028.78	12.89468	(12111715)	401588.88	3781028.78	12.93010	(12111715)
401608.88	3781028.78	12.79949	(12111715)	401628.88	3781028.78	12.97115	(12021515)
401648.88	3781028.78	13.40278	(12021515)	401668.88	3781028.78	13.62381	(12021515)
401688.88	3781028.78	13.62231	(12021515)	401708.88	3781028.78	13.38756	(12021515)
401728.88	3781028.78	12.95233	(12021515)	401748.88	3781028.78	12.32845	(12021515)

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        401768.88   3781028.78       11.53337  (12021515)               401788.88
3781028.78       10.62323  (12021515)
        401808.88   3781028.78        9.61822  (12021515)               401828.88
3781028.78        8.57362  (12021515)
        401848.88   3781028.78        8.06032  (15122816)               401868.88
3781028.78        8.24846  (15122816)
        401888.88   3781028.78        8.33467  (15122816)               401908.88
3781028.78        8.29477  (12101116)
        401928.88   3781028.78        8.96713  (12101116)               401948.88
3781028.78        9.52132  (12101116)
        401968.88   3781028.78        9.92239  (12101116)               401988.88
3781028.78       10.15911  (12101116)
        402008.88   3781028.78       10.22505  (12101116)               402028.88
3781028.78       10.09453  (12101116)
        402048.88   3781028.78        9.83795  (12101116)               402068.88
3781028.78       10.71272  (12042618)
        402088.88   3781028.78       11.51915  (12042618)               402108.88
3781028.78       12.16469  (12042618)
        402128.88   3781028.78       12.66531  (12042618)               402148.88
3781028.78       12.98276  (12042618)
        402168.88   3781028.78       13.06328  (12042618)               402188.88
3781028.78       12.99154  (12042618)
        402208.88   3781028.78       12.73249  (12042618)               402228.88
3781028.78       12.67946  (12120216)
        402248.88   3781028.78       13.02576  (12120216)               402268.88
3781028.78       13.14771  (12120216)
        402288.88   3781028.78       13.05916  (12120216)               402308.88
3781028.78       12.74454  (12120216)
        402328.88   3781028.78       12.28113  (12120216)               402348.88
3781028.78       11.61024  (12120216)
        402368.88   3781028.78       10.83166  (12120216)               402388.88
3781028.78        9.95362  (12120216)
        402408.88   3781028.78        8.99731  (12120216)               402428.88
3781028.78        8.36292  (12111716)
        402448.88   3781028.78        7.92882  (12111716)               402468.88
3781028.78        7.42985  (12111716)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 278
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
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                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        402488.88   3781028.78        6.86655  (12111716)               402508.88
3781028.78        6.26593  (12111716)
        401308.88   3781048.78        4.97766  (12021216)               401328.88
3781048.78        5.37311  (12021216)
        401348.88   3781048.78        5.75027  (12021216)               401368.88
3781048.78        6.09647  (12021216)
        401388.88   3781048.78        6.40534  (12021216)               401408.88
3781048.78        7.27262  (12111715)
        401428.88   3781048.78        8.24340  (12111715)               401448.88
3781048.78        9.21885  (12111715)
        401468.88   3781048.78       10.15526  (12111715)               401488.88
3781048.78       11.02757  (12111715)
        401508.88   3781048.78       11.85469  (12111715)               401528.88
3781048.78       12.50885  (12111715)
        401548.88   3781048.78       13.00623  (12111715)               401568.88
3781048.78       13.33785  (12111715)
        401588.88   3781048.78       13.48287  (12111715)               401608.88
3781048.78       13.48077  (12111715)
        401628.88   3781048.78       13.32085  (12021515)               401648.88
3781048.78       13.86135  (12021515)
        401668.88   3781048.78       14.15153  (12021515)               401688.88
3781048.78       14.20049  (12021515)
        401708.88   3781048.78       14.04754  (12021515)               401728.88
3781048.78       13.66192  (12021515)
        401748.88   3781048.78       13.06583  (12021515)               401768.88
3781048.78       12.28699  (12021515)
        401788.88   3781048.78       11.37092  (12021515)               401808.88
3781048.78       10.33823  (12021515)
        401828.88   3781048.78        9.26055  (12021515)               401848.88
3781048.78        8.36748  (15122816)
        401868.88   3781048.78        8.58063  (15122816)               401888.88
3781048.78        8.67120  (15122816)
        401908.88   3781048.78        8.68313  (12101116)               401928.88
3781048.78        9.38642  (12101116)
        401948.88   3781048.78        9.95408  (12101116)               401968.88
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3781048.78       10.34859  (12101116)
        401988.88   3781048.78       10.58133  (12101116)                402008.88
3781048.78       10.62079  (12101116)
        402028.88   3781048.78       10.44981  (12101116)                402048.88
3781048.78       10.48062  (12042618)
        402068.88   3781048.78       11.42230  (12042618)                402088.88
3781048.78       12.24103  (12042618)
        402108.88   3781048.78       12.86177  (12042618)                402128.88
3781048.78       13.34159  (12042618)
        402148.88   3781048.78       13.59025  (12042618)                402168.88
3781048.78       13.66766  (12042618)
        402188.88   3781048.78       13.49021  (12042618)                402208.88
3781048.78       13.11518  (12042618)
        402228.88   3781048.78       13.42022  (12120216)                402248.88
3781048.78       13.67620  (12120216)
        402268.88   3781048.78       13.69332  (12120216)                402288.88
3781048.78       13.49253  (12120216)
        402308.88   3781048.78       13.04407  (12120216)                402328.88
3781048.78       12.43866  (12120216)
        402348.88   3781048.78       11.67514  (12120216)                402368.88
3781048.78       10.78199  (12120216)
        402388.88   3781048.78        9.80934  (12120216)                402408.88
3781048.78        8.84862  (12111716)
        402428.88   3781048.78        8.42514  (12111716)                402448.88
3781048.78        7.91567  (12111716)
        402468.88   3781048.78        7.33764  (12111716)                402488.88
3781048.78        6.71703  (12111716)
        402508.88   3781048.78        6.58850  (14120116)                401308.88
3781068.78        4.86069  (12021216)
        401328.88   3781068.78        5.28172  (12021216)                401348.88
3781068.78        5.69805  (12021216)
        401368.88   3781068.78        6.08737  (12021216)                401388.88
3781068.78        6.45487  (12021216)
        401408.88   3781068.78        6.99210  (12111715)                401428.88
3781068.78        8.00867  (12111715)
        401448.88   3781068.78        9.02527  (12111715)                401468.88
3781068.78       10.02738  (12111715)
        401488.88   3781068.78       11.01542  (12111715)                401508.88
3781068.78       11.91570  (12111715)
        401528.88   3781068.78       12.71151  (12111715)                401548.88
3781068.78       13.30947  (12111715)
        401568.88   3781068.78       13.77023  (12111715)                401588.88
3781068.78       14.02589  (12111715)
        401608.88   3781068.78       14.12678  (12111715)                401628.88
3781068.78       13.99212  (12111715)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401648.88	3781068.78	14.28025	(12021515)	401668.88	3781068.78	14.70816	(12021515)
401688.88	3781068.78	14.83068	(12021515)	401708.88	3781068.78	14.72583	(12021515)
401728.88	3781068.78	14.41413	(12021515)	401748.88	3781068.78	13.84417	(12021515)
401768.88	3781068.78	13.08051	(12021515)	401788.88	3781068.78	12.16316	(12021515)
401808.88	3781068.78	11.13578	(12021515)	401828.88	3781068.78	10.00778	(12021515)
401848.88	3781068.78	8.82845	(12021515)	401868.88	3781068.78	8.93590	(15122816)
401888.88	3781068.78	9.03997	(15122816)	401908.88	3781068.78	9.10594	(12101116)
401928.88	3781068.78	9.83298	(12101116)	401948.88	3781068.78	10.42669	(12101116)
401968.88	3781068.78	10.84819	(12101116)	401988.88	3781068.78	11.05975	(12101116)
402008.88	3781068.78	11.09228	(12101116)	402028.88	3781068.78	10.85727	(12101116)
402048.88	3781068.78	11.25545	(12042618)	402068.88	3781068.78	12.21906	(12042618)
402088.88	3781068.78	13.02613	(12042618)	402108.88	3781068.78	13.60847	(12042618)
402128.88	3781068.78	14.04052	(12042618)	402148.88	3781068.78	14.23664	(12042618)

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        402168.88   3781068.78       14.18438  (12042618)               402188.88
3781068.78       13.93582  (12042618)
        402208.88   3781068.78       13.74518  (12120216)               402228.88
3781068.78       14.15065  (12120216)
        402248.88   3781068.78       14.30083  (12120216)               402268.88
3781068.78       14.20515  (12120216)
        402288.88   3781068.78       13.86796  (12120216)               402308.88
3781068.78       13.30424  (12120216)
        402328.88   3781068.78       12.55715  (12120216)               402348.88
3781068.78       11.67357  (12120216)
        402368.88   3781068.78       10.69535  (12120216)               402388.88
3781068.78        9.63518  (12120216)
        402408.88   3781068.78        8.96498  (12111716)               402428.88
3781068.78        8.45317  (12111716)
        402448.88   3781068.78        7.85634  (12111716)               402468.88
3781068.78        7.20284  (12111716)
        402488.88   3781068.78        6.96790  (14120116)               402508.88
3781068.78        6.98273  (14120116)
        401308.88   3781088.78        4.72060  (12021216)               401328.88
3781088.78        5.16518  (12021216)
        401348.88   3781088.78        5.61366  (12021216)               401368.88
3781088.78        6.04419  (12021216)
        401388.88   3781088.78        6.46725  (12021216)               401408.88
3781088.78        6.83763  (12021216)
        401428.88   3781088.78        7.72645  (12111715)               401448.88
3781088.78        8.78772  (12111715)
        401468.88   3781088.78        9.86014  (12111715)               401488.88
3781088.78       10.94099  (12111715)
        401508.88   3781088.78       11.92604  (12111715)               401528.88
3781088.78       12.82984  (12111715)
        401548.88   3781088.78       13.57240  (12111715)               401568.88
3781088.78       14.17061  (12111715)
        401588.88   3781088.78       14.55514  (12111715)               401608.88
3781088.78       14.75159  (12111715)
        401628.88   3781088.78       14.69451  (12111715)               401648.88
3781088.78       14.62950  (12021515)
        401668.88   3781088.78       15.17880  (12021515)               401688.88
3781088.78       15.47176  (12021515)
        401708.88   3781088.78       15.41633  (12021515)               401728.88
3781088.78       15.15612  (12021515)
        401748.88   3781088.78       14.65836  (12021515)               401768.88
3781088.78       13.92223  (12021515)
        401788.88   3781088.78       13.01112  (12021515)               401808.88
3781088.78       11.96398  (12021515)
        401828.88   3781088.78       10.80694  (12021515)               401848.88
3781088.78        9.57718  (12021515)
        401868.88   3781088.78        9.31373  (15122816)               401888.88
3781088.78        9.42731  (15122816)
        401908.88   3781088.78        9.57129  (12101116)               401928.88
3781088.78       10.31821  (12101116)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402028.88	3781088.78	11.28581	(12101116)	402048.88	3781088.78	12.06625	(12042618)
402068.88	3781088.78	13.06738	(12042618)	402088.88	3781088.78	13.82213	(12042618)
402108.88	3781088.78	14.40505	(12042618)	402128.88	3781088.78	14.75953	(12042618)
402148.88	3781088.78	14.87261	(12042618)	402168.88	3781088.78	14.72379	(12042618)
402188.88	3781088.78	14.38871	(12042618)	402208.88	3781088.78	14.58603	(12120216)
402228.88	3781088.78	14.89117	(12120216)	402248.88	3781088.78	14.92619	(12120216)
402268.88	3781088.78	14.70330	(12120216)	402288.88	3781088.78	14.23337	(12120216)
402308.88	3781088.78	13.51900	(12120216)	402328.88	3781088.78	12.64399	(12120216)
402348.88	3781088.78	11.63462	(12120216)	402368.88			

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3781088.78       10.53303  (12120216)
        402388.88   3781088.78        9.53205  (12111716)                402408.88
3781088.78        9.01968  (12111716)
        402428.88   3781088.78        8.41703  (12111716)                402448.88
3781088.78        7.73095  (12111716)
        402468.88   3781088.78        7.38054  (14120116)                402488.88
3781088.78        7.39860  (14120116)
        402508.88   3781088.78        7.36506  (14120116)                401308.88
3781108.78        4.55091  (12021216)
        401328.88   3781108.78        5.02659  (12021216)                401348.88
3781108.78        5.50075  (12021216)
        401368.88   3781108.78        5.96998  (12021216)                401388.88
3781108.78        6.44256  (12021216)
        401408.88   3781108.78        6.86589  (12021216)                401428.88
3781108.78        7.40566  (12111715)
        401448.88   3781108.78        8.50708  (12111715)                401468.88
3781108.78        9.65409  (12111715)
        401488.88   3781108.78       10.82208  (12111715)                401508.88
3781108.78       11.89826  (12111715)
        401528.88   3781108.78       12.92016  (12111715)                401548.88
3781108.78       13.77956  (12111715)
        401568.88   3781108.78       14.52264  (12111715)                401588.88
3781108.78       15.04772  (12111715)
        401608.88   3781108.78       15.35671  (12111715)                401628.88
3781108.78       15.43001  (12111715)
        401648.88   3781108.78       15.25920  (12111715)                401668.88
3781108.78       15.71009  (12021515)
        401688.88   3781108.78       16.10903  (12021515)                401708.88
3781108.78       16.12635  (12021515)
        401728.88   3781108.78       15.96254  (12021515)                401748.88
3781108.78       15.51398  (12021515)
        401768.88   3781108.78       14.81987  (12021515)                401788.88
3781108.78       13.92841  (12021515)
        401808.88   3781108.78       12.87644  (12021515)                401828.88
3781108.78       11.67629  (12021515)
        401848.88   3781108.78       10.39497  (12021515)                401868.88
3781108.78        9.71664  (15122816)
        401888.88   3781108.78        9.85340  (15122816)                401908.88
3781108.78       10.06522  (12101116)
        401928.88   3781108.78       10.84734  (12101116)                401948.88
3781108.78       11.45369  (12101116)
        401968.88   3781108.78       11.83831  (12101116)                401988.88
3781108.78       11.99279  (12101116)
        402008.88   3781108.78       11.99979  (12101116)                402028.88
3781108.78       11.77296  (12042618)
        402048.88   3781108.78       12.95857  (12042618)                402068.88
3781108.78       13.93361  (12042618)
        402088.88   3781108.78       14.67997  (12042618)                402108.88
3781108.78       15.22013  (12042618)
        402128.88   3781108.78       15.52851  (12042618)                402148.88
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3781108.78 15.59687 (12042618)
402168.88 3781108.78 15.30041 (12042618) 402188.88
3781108.78 15.01041 (12120216)
402208.88 3781108.78 15.44438 (12120216) 402228.88
3781108.78 15.63357 (12120216)
402248.88 3781108.78 15.53348 (12120216) 402268.88
3781108.78 15.14972 (12120216)
402288.88 3781108.78 14.52709 (12120216) 402308.88
3781108.78 13.66702 (12120216)
402328.88 3781108.78 12.66849 (12120216) 402348.88
3781108.78 11.53877 (12120216)
402368.88 3781108.78 10.35438 (12120216) 402388.88
3781108.78 9.63987 (12111716)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
- -
402408.88 3781108.78 9.01646 (12111716) 402428.88
3781108.78 8.31149 (12111716)
402448.88 3781108.78 7.84103 (14120116) 402468.88
3781108.78 7.85378 (14120116)
402488.88 3781108.78 7.81765 (14120116) 402508.88
3781108.78 7.72939 (14120116)
401308.88 3781128.78 4.35595 (12021216) 401328.88
3781128.78 4.85151 (12021216)

401348.88 3781128.78 5.35594 (12021216) 401368.88
3781128.78 5.85971 (12021216)
401388.88 3781128.78 6.37669 (12021216) 401408.88
3781128.78 6.86428 (12021216)
401428.88 3781128.78 7.31503 (12021216) 401448.88
3781128.78 8.19263 (12111715)
401468.88 3781128.78 9.39259 (12111715) 401488.88
3781128.78 10.63478 (12111715)
401508.88 3781128.78 11.83076 (12111715) 401528.88
3781128.78 12.97023 (12111715)
401548.88 3781128.78 13.93464 (12111715) 401568.88
3781128.78 14.82576 (12111715)
401588.88 3781128.78 15.48246 (12111715) 401608.88
3781128.78 15.94532 (12111715)
401628.88 3781128.78 16.14588 (12111715) 401648.88
3781128.78 16.10027 (12111715)
401668.88 3781128.78 16.15389 (12021515) 401688.88
3781128.78 16.66755 (12021515)
401708.88 3781128.78 16.86633 (12021515) 401728.88
3781128.78 16.79664 (12021515)
401748.88 3781128.78 16.42740 (12021515) 401768.88
3781128.78 15.77976 (12021515)
401788.88 3781128.78 14.92557 (12021515) 401808.88
3781128.78 13.84614 (12021515)
401828.88 3781128.78 12.61613 (12021515) 401848.88
3781128.78 11.29957 (12021515)
401868.88 3781128.78 10.27035 (15042107) 401888.88
3781128.78 10.30491 (15122816)
401908.88 3781128.78 10.61181 (12101116) 401928.88
3781128.78 11.40602 (12101116)
401948.88 3781128.78 12.02490 (12101116) 401968.88
3781128.78 12.39527 (12101116)
401988.88 3781128.78 12.58241 (12101116) 402008.88
3781128.78 12.50098 (12101116)
402028.88 3781128.78 12.72200 (12042618) 402048.88
3781128.78 13.87811 (12042618)
402068.88 3781128.78 14.87920 (12042618) 402088.88
3781128.78 15.59399 (12042618)
402108.88 3781128.78 16.06742 (12042618) 402128.88
3781128.78 16.28974 (12042618)
402148.88 3781128.78 16.20656 (12042618) 402168.88
3781128.78 15.90386 (12042618)
402188.88 3781128.78 15.98267 (12120216) 402208.88
3781128.78 16.31045 (12120216)
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3781128.78 16.09632 (12120216)
402268.88 3781128.78 15.55764 (12120216) 402288.88
3781128.78 14.75962 (12120216)
402308.88 3781128.78 13.75668 (12120216) 402328.88
3781128.78 12.63458 (12120216)

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        402348.88   3781128.78       11.38240  (12120216)               402368.88
3781128.78       10.26408  (12111716)
        402388.88   3781128.78        9.64590  (12111716)               402408.88
3781128.78        8.94381  (12111716)
        402428.88   3781128.78        8.32274  (14120116)               402448.88
3781128.78        8.36125  (14120116)
        402468.88   3781128.78        8.31765  (14120116)               402488.88
3781128.78        8.21845  (14120116)
        402508.88   3781128.78        8.06772  (14120116)               401308.88
3781148.78        4.36362  (16093007)
        401328.88   3781148.78        4.65584  (12021216)               401348.88
3781148.78        5.19004  (12021216)
        401368.88   3781148.78        5.71508  (12021216)               401388.88
3781148.78        6.25712  (12021216)
        401408.88   3781148.78        6.80626  (12021216)               401428.88
3781148.78        7.31391  (12021216)
        401448.88   3781148.78        7.83847  (12111715)               401468.88
3781148.78        9.08014  (12111715)
        401488.88   3781148.78       10.40314  (12111715)               401508.88
3781148.78       11.67800  (12111715)
        401528.88   3781148.78       12.91372  (12111715)               401548.88
3781148.78       14.02781  (12111715)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 282
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
401568.88 3781148.78 15.06535 (12111715) 401588.88
3781148.78 15.90162 (12111715)
401608.88 3781148.78 16.50971 (12111715) 401628.88
3781148.78 16.86388 (12111715)
401648.88 3781148.78 16.92174 (12111715) 401668.88
3781148.78 16.68348 (12111715)
401688.88 3781148.78 17.25044 (12021515) 401708.88
3781148.78 17.60169 (12021515)
401728.88 3781148.78 17.63415 (12021515) 401748.88
3781148.78 17.35697 (12021515)
401768.88 3781148.78 16.78202 (12021515) 401788.88
3781148.78 15.95107 (12021515)
401808.88 3781148.78 14.87881 (12021515) 401828.88
3781148.78 13.62849 (12021515)
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3781148.78 10.90056 (15042107)
401888.88 3781148.78 10.76478 (15122816) 401908.88
3781148.78 11.15838 (12101116)
401928.88 3781148.78 11.98841 (12101116) 401948.88
3781148.78 12.61082 (12101116)
401968.88 3781148.78 12.98943 (12101116) 401988.88
3781148.78 13.16295 (12101116)
402008.88 3781148.78 13.06157 (12101116) 402028.88
3781148.78 13.71687 (12042618)
402048.88 3781148.78 14.87106 (12042618) 402068.88
3781148.78 15.84110 (12042618)
402088.88 3781148.78 16.53743 (12042618) 402108.88
3781148.78 16.96501 (12042618)
402128.88 3781148.78 17.10045 (12042618) 402148.88
3781148.78 16.92965 (12042618)
402168.88 3781148.78 16.48599 (12042618) 402188.88
3781148.78 16.95128 (12120216)
402208.88 3781148.78 17.13972 (12120216) 402228.88
3781148.78 17.00931 (12120216)
402248.88 3781148.78 16.57774 (12120216) 402268.88
3781148.78 15.86542 (12120216)
402288.88 3781148.78 14.90745 (12120216) 402308.88
3781148.78 13.76041 (12120216)
402328.88 3781148.78 12.48091 (12120216) 402348.88
3781148.78 11.11456 (12120216)
402368.88 3781148.78 10.31715 (12111716) 402388.88
3781148.78 9.58825 (12111716)
402408.88 3781148.78 8.84697 (14120116) 402428.88
3781148.78 8.89005 (14120116)
402448.88 3781148.78 8.85775 (14120116) 402468.88
3781148.78 8.75424 (14120116)
402488.88 3781148.78 8.58665 (14120116) 402508.88
3781148.78 8.36435 (14120116)
401308.88 3781168.78 4.49391 (16093007) 401328.88

3781168.78   4.62595 (16093007)
        401348.88   3781168.78   4.97846 (12021216)   401368.88
3781168.78   5.53443 (12021216)
        401388.88   3781168.78   6.12374 (12021216)   401408.88
3781168.78   6.70973 (12021216)
        401428.88   3781168.78   7.27452 (12021216)   401448.88
3781168.78   7.79332 (12021216)
        401468.88   3781168.78   8.72554 (12111715)   401488.88
3781168.78   10.09131 (12111715)
        401508.88   3781168.78   11.45565 (12111715)   401528.88
3781168.78   12.82604 (12111715)
        401548.88   3781168.78   14.05479 (12111715)   401568.88
3781168.78   15.27089 (12111715)
        401588.88   3781168.78   16.28755 (12111715)   401608.88
3781168.78   17.07607 (12111715)
        401628.88   3781168.78   17.56907 (12111715)   401648.88
3781168.78   17.81446 (12111715)
        401668.88   3781168.78   17.67922 (12111715)   401688.88
3781168.78   17.87399 (12021515)
        401708.88   3781168.78   18.37219 (12021515)   401728.88
3781168.78   18.51228 (12021515)
        401748.88   3781168.78   18.35565 (12021515)   401768.88
3781168.78   17.85441 (12021515)
        401788.88   3781168.78   17.06239 (12021515)   401808.88
3781168.78   16.01366 (12021515)
        401828.88   3781168.78   14.73796 (12021515)   401848.88
3781168.78   13.34090 (12021515)
        401868.88   3781168.78   11.75352 (12021515)   401888.88
3781168.78   11.38681 (15042107)
        401908.88   3781168.78   11.81358 (12101116)   401928.88
3781168.78   12.65344 (12101116)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                                    L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                                    L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                                    L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401948.88	3781168.78	13.30221	(12101116)	401968.88	3781168.78	13.69403	(12101116)
401988.88	3781168.78	13.82053	(12101116)	402008.88	3781168.78	13.66293	(12101116)
402028.88	3781168.78	14.80011	(12042618)	402048.88	3781168.78	15.98287	(12042618)
402068.88	3781168.78	16.93528	(12042618)	402088.88	3781168.78	17.57871	(12042618)
402108.88	3781168.78	17.96272	(12042618)	402128.88	3781168.78	17.94794	(12042618)
402148.88	3781168.78	17.65750	(12042618)	402168.88	3781168.78	17.59335	(12120216)
402188.88	3781168.78	17.95327	(12120216)	402208.88	3781168.78	17.97584	(12120216)
402228.88	3781168.78	17.71657	(12120216)	402248.88	3781168.78	17.09823	(12120216)
402268.88	3781168.78	16.20322	(12120216)	402288.88	3781168.78	15.06854	(12120216)
402308.88	3781168.78	13.70758	(12120216)	402328.88	3781168.78	12.31881	(12120216)
402348.88	3781168.78	11.09698	(12111716)	402368.88	3781168.78	10.34401	(12111716)
402388.88	3781168.78	9.50614	(12111716)	402408.88	3781168.78	9.49555	(14120116)
402428.88	3781168.78	9.46543	(14120116)	402448.88	3781168.78	9.35113	(14120116)
402468.88	3781168.78	9.17617	(14120116)	402488.88	3781168.78	8.91549	(14120116)
402508.88	3781168.78	8.63166	(14120116)	401308.88	3781188.78	4.62993	(16093007)
401328.88	3781188.78	4.77045	(16093007)	401348.88	3781188.78	4.91518	(16093007)
401368.88	3781188.78	5.32030	(12021216)	401388.88	3781188.78	5.93865	(12021216)
401408.88	3781188.78	6.56627	(12021216)	401428.88	3781188.78	7.18807	(12021216)
401448.88	3781188.78	7.77548	(12021216)	401468.88	3781188.78	8.33008	(12021216)
401488.88	3781188.78	9.73314	(12111715)	401508.88	3781188.78	11.17561	(12111715)

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        401528.88   3781188.78       12.65790  (12111715)               401548.88
3781188.78       14.01130  (12111715)
        401568.88   3781188.78       15.38471  (12111715)               401588.88
3781188.78       16.57344  (12111715)
        401608.88   3781188.78       17.54049  (12111715)               401628.88
3781188.78       18.25631  (12111715)
        401648.88   3781188.78       18.63791  (12111715)               401668.88
3781188.78       18.65045  (12111715)
        401688.88   3781188.78       18.48763  (12021515)               401708.88
3781188.78       19.13077  (12021515)
        401728.88   3781188.78       19.42487  (12021515)               401748.88
3781188.78       19.37879  (12021515)
        401768.88   3781188.78       18.95842  (12021515)               401788.88
3781188.78       18.22307  (12021515)
        401808.88   3781188.78       17.17425  (12021515)               401828.88
3781188.78       15.90019  (12021515)
        401848.88   3781188.78       14.46507  (12021515)               401868.88
3781188.78       12.82990  (12021515)
        401888.88   3781188.78       12.13101  (15042107)               401908.88
3781188.78       12.49999  (12101116)
        401928.88   3781188.78       13.35068  (12101116)               401948.88
3781188.78       14.00615  (12101116)
        401968.88   3781188.78       14.38450  (12101116)               401988.88
3781188.78       14.49178  (12101116)
        402008.88   3781188.78       14.52783  (12042618)               402028.88
3781188.78       15.95513  (12042618)
        402048.88   3781188.78       17.18718  (12042618)               402068.88
3781188.78       18.11478  (12042618)
        402088.88   3781188.78       18.67309  (12042618)               402108.88
3781188.78       18.93568  (12042618)
        402128.88   3781188.78       18.78908  (12042618)               402148.88
3781188.78       18.33730  (12042618)
        402168.88   3781188.78       18.67167  (12120216)               402188.88
3781188.78       18.94436  (12120216)
        402208.88   3781188.78       18.79628  (12120216)               402228.88
3781188.78       18.33443  (12120216)
        402248.88   3781188.78       17.52844  (12120216)               402268.88
3781188.78       16.44743  (12120216)
        402288.88   3781188.78       15.07668  (12120216)               402308.88
3781188.78       13.57773  (12120216)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        05:36:20

                                  PAGE 284
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
```

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402328.88	3781188.78	12.07388	(12120216)	402348.88	3781188.78	11.16634	(12111716)
402368.88	3781188.78	10.28086	(12111716)	402388.88	3781188.78	10.14820	(14120116)
402408.88	3781188.78	10.11625	(14120116)	402428.88	3781188.78	9.99568	(14120116)
402448.88	3781188.78	9.80214	(14120116)	402468.88	3781188.78	9.54181	(14120116)
402488.88	3781188.78	9.20016	(14120116)	402508.88	3781188.78	8.83471	(14120116)
401308.88	3781208.78	4.77188	(16093007)	401328.88	3781208.78	4.92069	(16093007)
401348.88	3781208.78	5.07646	(16093007)	401368.88	3781208.78	5.22540	(16093007)
401388.88	3781208.78	5.71665	(12021216)	401408.88	3781208.78	6.37825	(12021216)
401428.88	3781208.78	7.04794	(12021216)	401448.88	3781208.78	7.70261	(12021216)
401468.88	3781208.78	8.33629	(12021216)	401488.88	3781208.78	9.32339	(12111715)
401508.88	3781208.78	10.83596	(12111715)	401528.88	3781208.78	12.40695	(12111715)
401548.88	3781208.78	13.89634	(12111715)	401568.88	3781208.78	15.41108	(12111715)
401588.88	3781208.78	16.78568	(12111715)	401608.88	3781208.78	17.98516	(12111715)
401628.88	3781208.78	18.87930	(12111715)	401648.88	3781208.78	19.42811	(12111715)
401668.88	3781208.78	19.63538	(12111715)	401688.88	3781208.78	19.50449	(12111715)
401708.88	3781208.78	19.90299	(12021515)	401728.88			

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3781208.78       20.37187  (12021515)
        401748.88   3781208.78       20.46790  (12021515)               401768.88
3781208.78       20.13192  (12021515)
        401788.88   3781208.78       19.46048  (12021515)               401808.88
3781208.78       18.47777  (12021515)
        401828.88   3781208.78       17.17284  (12021515)               401848.88
3781208.78       15.68499  (12021515)
        401868.88   3781208.78       14.00155  (12021515)               401888.88
3781208.78       12.92601  (15042107)
        401908.88   3781208.78       13.22219  (12101116)               401928.88
3781208.78       14.12783  (12101116)
        401948.88   3781208.78       14.78635  (12101116)               401968.88
3781208.78       15.16896  (12101116)
        401988.88   3781208.78       15.18021  (12101116)               402008.88
3781208.78       15.71730  (12042618)
        402028.88   3781208.78       17.22007  (12042618)               402048.88
3781208.78       18.45209  (12042618)
        402068.88   3781208.78       19.33830  (12042618)               402088.88
3781208.78       19.80541  (12042618)
        402108.88   3781208.78       19.95397  (12042618)               402128.88
3781208.78       19.70606  (12042618)
        402148.88   3781208.78       19.44710  (12120216)               402168.88
3781208.78       19.91316  (12120216)
        402188.88   3781208.78       19.94910  (12120216)               402208.88
3781208.78       19.60212  (12120216)
        402228.88   3781208.78       18.90503  (12120216)               402248.88
3781208.78       17.86551  (12120216)
        402268.88   3781208.78       16.56015  (12120216)               402288.88
3781208.78       15.03832  (12120216)
        402308.88   3781208.78       13.36954  (12120216)               402328.88
3781208.78       12.02272  (12111716)
        402348.88   3781208.78       11.14163  (12111716)               402368.88
3781208.78       10.88303  (14120116)
        402388.88   3781208.78       10.85172  (14120116)               402408.88
3781208.78       10.72486  (14120116)
        402428.88   3781208.78       10.50342  (14120116)               402448.88
3781208.78       10.20835  (14120116)
        402468.88   3781208.78        9.85006  (14120116)               402488.88
3781208.78        9.42580  (14120116)
        402508.88   3781208.78        8.97573  (14120116)               401308.88
3781228.78        4.91598  (16093007)
        401328.88   3781228.78        5.07481  (16093007)               401348.88
3781228.78        5.24126  (16093007)
        401368.88   3781228.78        5.40475  (16093007)               401388.88
3781228.78        5.58415  (16093007)
        401408.88   3781228.78        6.15594  (12021216)               401428.88
3781228.78        6.86845  (12021216)
        401448.88   3781228.78        7.57632  (12021216)               401468.88
3781228.78        8.27455  (12021216)
1 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401488.88   3781228.78   8.95344 (12021216)   401508.88
3781228.78   10.43451 (12111715)
        401528.88   3781228.78   12.09237 (12111715)   401548.88
3781228.78   13.69906 (12111715)
        401568.88   3781228.78   15.34146 (12111715)   401588.88
3781228.78   16.91909 (12111715)
        401608.88   3781228.78   18.31646 (12111715)   401628.88
3781228.78   19.43928 (12111715)
        401648.88   3781228.78   20.21583 (12111715)   401668.88
3781228.78   20.62490 (12111715)
        401688.88   3781228.78   20.65736 (12111715)   401708.88
3781228.78   20.70072 (12021515)
        401728.88   3781228.78   21.36317 (12021515)   401748.88
3781228.78   21.56778 (12021515)
        401768.88   3781228.78   21.36285 (12021515)   401788.88
3781228.78   20.78987 (12021515)
        401808.88   3781228.78   19.79708 (12021515)   401828.88
3781228.78   18.54709 (12021515)
        401848.88   3781228.78   17.02683 (12021515)   401868.88
3781228.78   15.27917 (12021515)
        401888.88   3781228.78   13.80329 (15042107)   401908.88
3781228.78   13.99405 (12101116)

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        401928.88   3781228.78       14.97607  (12101116)               401948.88
3781228.78       15.63441  (12101116)
        401968.88   3781228.78       15.95974  (12101116)               401988.88
3781228.78       15.92215  (12101116)
        402008.88   3781228.78       17.05807  (12042618)               402028.88
3781228.78       18.54568  (12042618)
        402048.88   3781228.78       19.77668  (12042618)               402068.88
3781228.78       20.62528  (12042618)
        402088.88   3781228.78       21.03258  (12042618)               402108.88
3781228.78       21.08740  (12042618)
        402128.88   3781228.78       20.62194  (12042618)               402148.88
3781228.78       20.82146  (12120216)
        402168.88   3781228.78       21.10719  (12120216)               402188.88
3781228.78       20.94104  (12120216)
        402208.88   3781228.78       20.35808  (12120216)               402228.88
3781228.78       19.40539  (12120216)
        402248.88   3781228.78       18.13035  (12120216)               402268.88
3781228.78       16.60332  (12120216)
        402288.88   3781228.78       14.87464  (12120216)               402308.88
3781228.78       13.06981  (12120216)
        402328.88   3781228.78       12.04348  (12111716)               402348.88
3781228.78       11.67088  (14120116)
        402368.88   3781228.78       11.65713  (14120116)               402388.88
3781228.78       11.51209  (14120116)
        402408.88   3781228.78       11.28362  (14120116)               402428.88
3781228.78       10.97132  (14120116)
        402448.88   3781228.78       10.56695  (14120116)               402468.88
3781228.78       10.10983  (14120116)
        402488.88   3781228.78        9.58753  (14120116)               402508.88
3781228.78        9.04907  (14120116)
        401308.88   3781248.78        5.06253  (16093007)               401328.88
3781248.78        5.23274  (16093007)
        401348.88   3781248.78        5.40888  (16093007)               401368.88
3781248.78        5.59092  (16093007)
        401388.88   3781248.78        5.78285  (16093007)               401408.88
3781248.78        5.98009  (16093007)
        401428.88   3781248.78        6.63067  (12021216)               401448.88
3781248.78        7.39487  (12021216)
        401468.88   3781248.78        8.16044  (12021216)               401488.88
3781248.78        8.91085  (12021216)
        401508.88   3781248.78        9.96381  (12111715)               401528.88
3781248.78       11.68632  (12111715)
        401548.88   3781248.78       13.42285  (12111715)               401568.88
3781248.78       15.26845  (12111715)
        401588.88   3781248.78       17.00488  (12111715)               401608.88
3781248.78       18.59589  (12111715)
        401628.88   3781248.78       19.93699  (12111715)               401648.88
3781248.78       20.94848  (12111715)
        401668.88   3781248.78       21.58916  (12111715)               401688.88
3781248.78       21.85143  (12111715)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401868.88	3781248.78	16.68189	(12021515)	401888.88	3781248.78	14.81146	(12021515)
401908.88	3781248.78	14.89087	(12101116)	401928.88	3781248.78	15.88960	(12101116)
401948.88	3781248.78	16.50559	(12101116)	401968.88	3781248.78	16.79981	(12101116)
401988.88	3781248.78	16.88880	(12042618)	402008.88	3781248.78	18.54485	(12042618)
402028.88	3781248.78	20.04933	(12042618)	402048.88	3781248.78	21.21856	(12042618)
402068.88	3781248.78	21.97352	(12042618)	402088.88	3781248.78	22.28143	(12042618)
402108.88	3781248.78	22.13407	(12042618)	402128.88			

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3781248.78       21.75321  (12120216)
        402148.88   3781248.78       22.21722  (12120216)                402168.88
3781248.78       22.28144  (12120216)
        402188.88   3781248.78       21.91722  (12120216)                402208.88
3781248.78       21.08269  (12120216)
        402228.88   3781248.78       19.86026  (12120216)                402248.88
3781248.78       18.30954  (12120216)
        402268.88   3781248.78       16.55151  (12120216)                402288.88
3781248.78       14.64202  (12120216)
        402308.88   3781248.78       13.04230  (12111716)                402328.88
3781248.78       12.53584  (14120116)
        402348.88   3781248.78       12.55842  (14120116)                402368.88
3781248.78       12.40966  (14120116)
        402388.88   3781248.78       12.15747  (14120116)                402408.88
3781248.78       11.79826  (14120116)
        402428.88   3781248.78       11.36237  (14120116)                402448.88
3781248.78       10.84231  (14120116)
        402468.88   3781248.78       10.28595  (14120116)                402488.88
3781248.78        9.67541  (14120116)
        402508.88   3781248.78        9.25693  (12012517)                401308.88
3781268.78        5.21019  (16093007)
        401328.88   3781268.78        5.39125  (16093007)                401348.88
3781268.78        5.57706  (16093007)
        401368.88   3781268.78        5.77151  (16093007)                401388.88
3781268.78        5.97540  (16093007)
        401408.88   3781268.78        6.18765  (16093007)                401428.88
3781268.78        6.40630  (16093007)
        401448.88   3781268.78        7.14486  (12021216)                401468.88
3781268.78        7.96510  (12021216)
        401488.88   3781268.78        8.78591  (12021216)                401508.88
3781268.78        9.58355  (12021216)
        401528.88   3781268.78       11.18604  (12111715)                401548.88
3781268.78       13.05555  (12111715)
        401568.88   3781268.78       15.00236  (12111715)                401588.88
3781268.78       16.90995  (12111715)
        401608.88   3781268.78       18.70904  (12111715)                401628.88
3781268.78       20.30210  (12111715)
        401648.88   3781268.78       21.59605  (12111715)                401668.88
3781268.78       22.51965  (12111715)
        401688.88   3781268.78       23.03380  (12111715)                401708.88
3781268.78       23.10612  (12111715)
        401728.88   3781268.78       23.33859  (12021515)                401748.88
3781268.78       23.93785  (12021515)
        401768.88   3781268.78       24.05130  (12021515)                401788.88
3781268.78       23.67422  (12021515)
        401808.88   3781268.78       22.84655  (12021515)                401828.88
3781268.78       21.62006  (12021515)
        401848.88   3781268.78       20.06502  (12021515)                401868.88
3781268.78       18.22232  (12021515)
        401888.88   3781268.78       16.27471  (12021515)                401908.88
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3781268.78   15.83978 (12101116)
        401928.88   3781268.78   16.85366 (12101116)   401948.88
3781268.78   17.45661 (12101116)
        401968.88   3781268.78   17.78310 (12101116)   401988.88
3781268.78   18.51890 (12042618)
        402008.88   3781268.78   20.15538 (12042618)   402028.88
3781268.78   21.69217 (12042618)
        402048.88   3781268.78   22.80348 (12042618)   402068.88
3781268.78   23.46509 (12042618)
        402088.88   3781268.78   23.59778 (12042618)   402108.88
3781268.78   23.32642 (12042618)
        402128.88   3781268.78   23.35993 (12120216)   402148.88
3781268.78   23.66142 (12120216)
        402168.88   3781268.78   23.46378 (12120216)   402188.88
3781268.78   22.82623 (12120216)
        402208.88   3781268.78   21.70826 (12120216)   402228.88
3781268.78   20.22235 (12120216)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402248.88	3781268.78	18.39678	(12120216)	402268.88	3781268.78	16.38229	(12120216)
402288.88	3781268.78	14.29035	(12120216)	402308.88	3781268.78	13.49568	(14120116)

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        402328.88   3781268.78       13.51655  (14120116)              402348.88
3781268.78       13.38545  (14120116)
        402368.88   3781268.78       13.11590  (14120116)              402388.88
3781268.78       12.72420  (14120116)
        402408.88   3781268.78       12.23783  (14120116)              402428.88
3781268.78       11.66994  (14120116)
        402448.88   3781268.78       11.03999  (14120116)              402468.88
3781268.78       10.38066  (14120116)
        402488.88   3781268.78        9.87988  (12012517)              402508.88
3781268.78        9.55879  (12012517)
        401308.88   3781288.78        5.36366  (16093007)              401328.88
3781288.78        5.55446  (16093007)
        401348.88   3781288.78        5.75491  (16093007)              401368.88
3781288.78        5.95927  (16093007)
        401388.88   3781288.78        6.18169  (16093007)              401408.88
3781288.78        6.41605  (16093007)
        401428.88   3781288.78        6.65220  (16093007)              401448.88
3781288.78        6.89117  (16093007)
        401468.88   3781288.78        7.72287  (12021216)              401488.88
3781288.78        8.62014  (12021216)
        401508.88   3781288.78        9.50815  (12021216)              401528.88
3781288.78       10.67237  (12111715)
        401548.88   3781288.78       12.60678  (12111715)              401568.88
3781288.78       14.70196  (12111715)
        401588.88   3781288.78       16.79418  (12111715)              401608.88
3781288.78       18.84148  (12111715)
        401628.88   3781288.78       20.66061  (12111715)              401648.88
3781288.78       22.20247  (12111715)
        401668.88   3781288.78       23.42045  (12111715)              401688.88
3781288.78       24.22592  (12111715)
        401708.88   3781288.78       24.57817  (12111715)              401728.88
3781288.78       24.38083  (12021515)
        401748.88   3781288.78       25.20561  (12021515)              401768.88
3781288.78       25.49307  (12021515)
        401788.88   3781288.78       25.28975  (12021515)              401808.88
3781288.78       24.54439  (12021515)
        401828.88   3781288.78       23.38003  (12021515)              401848.88
3781288.78       21.85083  (12021515)
        401868.88   3781288.78       19.91686  (12021515)              401888.88
3781288.78       17.92509  (12021515)
        401908.88   3781288.78       16.91302  (12101116)              401928.88
3781288.78       17.88917  (12101116)
        401948.88   3781288.78       18.59085  (12101116)              401968.88
3781288.78       18.85157  (12101116)
        401988.88   3781288.78       20.18392  (12042618)              402008.88
3781288.78       21.82392  (12042618)
        402028.88   3781288.78       23.27070  (12042618)              402048.88
3781288.78       24.36299  (12042618)
        402068.88   3781288.78       25.05573  (12042618)              402088.88
3781288.78       25.10203  (12042618)
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        402108.88   3781288.78       24.54314  (12042618)                402128.88
3781288.78       25.02698  (12120216)
        402148.88   3781288.78       25.08110  (12120216)                402168.88
3781288.78       24.62505  (12120216)
        402188.88   3781288.78       23.68106  (12120216)                402208.88
3781288.78       22.25287  (12120216)
        402228.88   3781288.78       20.44541  (12120216)                402248.88
3781288.78       18.38510  (12120216)
        402268.88   3781288.78       16.11224  (12120216)                402288.88
3781288.78       14.58733  (14120116)
        402308.88   3781288.78       14.60860  (14120116)                402328.88
3781288.78       14.47326  (14120116)
        402348.88   3781288.78       14.19573  (14120116)                402368.88
3781288.78       13.77030  (14120116)
        402388.88   3781288.78       13.22206  (14120116)                402408.88
3781288.78       12.60167  (14120116)
        402428.88   3781288.78       11.88923  (14120116)                402448.88
3781288.78       11.15118  (14120116)
        402468.88   3781288.78       10.59563  (12012517)                402488.88
3781288.78       10.18476  (12012517)
        402508.88   3781288.78        9.79511  (12012517)                401308.88
3781308.78        5.52443  (16093007)
        401328.88   3781308.78        5.72614  (16093007)                401348.88
3781308.78        5.94176  (16093007)
        401368.88   3781308.78        6.15762  (16093007)                401388.88
3781308.78        6.39775  (16093007)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 288
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401408.88	3781308.78	6.65137	(16093007)	401428.88	3781308.78	6.89923	(16093007)
401448.88	3781308.78	7.16105	(16093007)	401468.88	3781308.78	7.43709	(16093007)
401488.88	3781308.78	8.38788	(12021216)	401508.88	3781308.78	9.36022	(12021216)
401528.88	3781308.78	10.32582	(12021216)	401548.88	3781308.78	12.07656	(12111715)
401568.88	3781308.78	14.26679	(12111715)	401588.88	3781308.78	16.53627	(12111715)
401608.88	3781308.78	18.73981	(12111715)	401628.88	3781308.78	20.85480	(12111715)
401648.88	3781308.78	22.72306	(12111715)	401668.88	3781308.78	24.24872	(12111715)
401688.88	3781308.78	25.34165	(12111715)	401708.88	3781308.78	25.96224	(12111715)
401728.88	3781308.78	26.01113	(12111715)	401748.88	3781308.78	26.47038	(12021515)
401768.88	3781308.78	27.03039	(12021515)	401788.88	3781308.78	26.96938	(12021515)
401808.88	3781308.78	26.35406	(12021515)	401828.88	3781308.78	25.23656	(12021515)
401848.88	3781308.78	23.66341	(12021515)	401868.88	3781308.78	21.77603	(12021515)
401888.88	3781308.78	19.68655	(12021515)	401908.88	3781308.78	18.02503	(12101116)
401928.88	3781308.78	19.00823	(12101116)	401948.88	3781308.78	19.78568	(12101116)
401968.88	3781308.78	19.94601	(12042618)	401988.88	3781308.78	22.06563	(12042618)
402008.88	3781308.78	23.78917	(12042618)	402028.88	3781308.78	25.12282	(12042618)
402048.88	3781308.78	26.07109	(12042618)	402068.88	3781308.78	26.65057	(12042618)
402088.88	3781308.78	26.55676	(12042618)	402108.88	3781308.78	26.37961	(12120216)
402128.88	3781308.78	26.76266	(12120216)	402148.88	3781308.78	26.59272	(12120216)
402168.88	3781308.78	25.81089	(12120216)	402188.88	3781308.78	24.49802	(12120216)
402208.88	3781308.78	22.69341	(12120216)	402228.88	3781308.78	20.56412	(12120216)
402248.88	3781308.78	18.19853	(12120216)	402268.88	3781308.78	15.82864	(14120116)
402288.88	3781308.78	15.86569	(14120116)	402308.88			

3781308.78   15.71084 (14120116)
        402328.88   3781308.78   15.39824 (14120116)   402348.88
3781308.78   14.94603 (14120116)
        402368.88   3781308.78   14.34192 (14120116)   402388.88
3781308.78   13.63802 (14120116)
        402408.88   3781308.78   12.84984 (14120116)   402428.88
3781308.78   12.01704 (14120116)
        402448.88   3781308.78   11.40876 (12012517)   402468.88
3781308.78   10.93245 (12012517)
        402488.88   3781308.78   10.40425 (12012517)   402508.88
3781308.78   9.95492 (12012517)
        401308.88   3781328.78   5.68194 (16093007)   401328.88
3781328.78   5.90090 (16093007)
        401348.88   3781328.78   6.13234 (16093007)   401368.88
3781328.78   6.36025 (16093007)
        401388.88   3781328.78   6.61729 (16093007)   401408.88
3781328.78   6.88934 (16093007)
        401428.88   3781328.78   7.15957 (16093007)   401448.88
3781328.78   7.44944 (16093007)
        401468.88   3781328.78   7.74888 (16093007)   401488.88
3781328.78   8.08044 (12021216)
        401508.88   3781328.78   9.13550 (12021216)   401528.88
3781328.78   10.18510 (12021216)
        401548.88   3781328.78   11.47031 (12111715)   401568.88
3781328.78   13.75470 (12111715)
        401588.88   3781328.78   16.17803 (12111715)   401608.88
3781328.78   18.62612 (12111715)
        401628.88   3781328.78   21.00867 (12111715)   401648.88
3781328.78   23.24313 (12111715)
        401668.88   3781328.78   25.05571 (12111715)   401688.88
3781328.78   26.56081 (12111715)
        401708.88   3781328.78   27.47475 (12111715)   401728.88
3781328.78   27.79382 (12111715)
        401748.88   3781328.78   27.81642 (12021515)   401768.88
3781328.78   28.65012 (12021515)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018

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, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        401788.88   3781328.78       28.77983  (12021515)               401808.88
3781328.78       28.29628  (12021515)
        401828.88   3781328.78       27.35089  (12021515)               401848.88
3781328.78       25.71159  (12021515)
        401868.88   3781328.78       23.82033  (12021515)               401888.88
3781328.78       21.68569  (12021515)
        401908.88   3781328.78       19.29587  (15042107)               401928.88
3781328.78       20.44580  (12101116)
        401948.88   3781328.78       21.25078  (12101116)               401968.88
3781328.78       22.23147  (12042618)
        401988.88   3781328.78       24.28516  (12042618)               402008.88
3781328.78       26.02972  (12042618)
        402028.88   3781328.78       27.24136  (12042618)               402048.88
3781328.78       27.94775  (12042618)
        402068.88   3781328.78       28.35764  (12042618)               402088.88
3781328.78       28.09183  (12042618)
        402108.88   3781328.78       28.36660  (12120216)               402128.88
3781328.78       28.58403  (12120216)
        402148.88   3781328.78       27.94468  (12120216)               402168.88
3781328.78       26.85217  (12120216)
        402188.88   3781328.78       25.16924  (12120216)               402208.88
3781328.78       23.01790  (12120216)
        402228.88   3781328.78       20.55474  (12120216)               402248.88
3781328.78       17.90291  (12120216)
        402268.88   3781328.78       17.27792  (14120116)               402288.88
3781328.78       17.11955  (14120116)
        402308.88   3781328.78       16.76452  (14120116)               402328.88
3781328.78       16.25904  (14120116)
        402348.88   3781328.78       15.61357  (14120116)               402368.88
3781328.78       14.80471  (14120116)
        402388.88   3781328.78       13.90463  (14120116)               402408.88
3781328.78       12.98214  (14120116)
        402428.88   3781328.78       12.30092  (12012517)               402448.88
3781328.78       11.74511  (12012517)
        402468.88   3781328.78       11.14912  (12012517)               402488.88
3781328.78       10.52012  (12012517)
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        402508.88   3781328.78       11.14942  (12031616)                401308.88
3781348.78        5.83893  (16093007)
        401328.88   3781348.78        6.07195  (16093007)                401348.88
3781348.78        6.31797  (16093007)
        401368.88   3781348.78        6.56643  (16093007)                401388.88
3781348.78        6.84028  (16093007)
        401408.88   3781348.78        7.13371  (16093007)                401428.88
3781348.78        7.43193  (16093007)
        401448.88   3781348.78        7.73760  (16093007)                401468.88
3781348.78        8.06954  (16093007)
        401488.88   3781348.78        8.42397  (16093007)                401508.88
3781348.78        8.82895  (12021216)
        401528.88   3781348.78        9.98453  (12021216)                401548.88
3781348.78       11.07688  (12021216)
        401568.88   3781348.78       13.14254  (12111715)                401588.88
3781348.78       15.64887  (12111715)
        401608.88   3781348.78       18.32872  (12111715)                401628.88
3781348.78       20.96498  (12111715)
        401648.88   3781348.78       23.48562  (12111715)                401668.88
3781348.78       25.74958  (12111715)
        401688.88   3781348.78       27.56609  (12111715)                401708.88
3781348.78       28.89665  (12111715)
        401728.88   3781348.78       29.57106  (12111715)                401748.88
3781348.78       29.62193  (12111715)
        401768.88   3781348.78       30.33367  (12021515)                401788.88
3781348.78       30.65739  (12021515)
        401808.88   3781348.78       30.35943  (12021515)                401828.88
3781348.78       29.47242  (12021515)
        401848.88   3781348.78       28.01608  (12021515)                401868.88
3781348.78       26.07465  (12021515)
        401888.88   3781348.78       23.90977  (12021515)                401908.88
3781348.78       21.36520  (12021515)
        401928.88   3781348.78       21.90723  (12101116)                401948.88
3781348.78       22.59480  (12101116)
        401968.88   3781348.78       24.50942  (12042618)                401988.88
3781348.78       26.64476  (12042618)
        402008.88   3781348.78       28.33538  (12042618)                402028.88
3781348.78       29.53771  (12042618)
        402048.88   3781348.78       30.09095  (12042618)                402068.88
3781348.78       30.20136  (12042618)
        402088.88   3781348.78       30.08311  (12120216)                402108.88
3781348.78       30.60372  (12120216)
        402128.88   3781348.78       30.37465  (12120216)                402148.88
3781348.78       29.46472  (12120216)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                PAGE 290
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402168.88	3781348.78	27.91971	(12120216)	402188.88	3781348.78	25.82395	(12120216)
402208.88	3781348.78	23.21808	(12120216)	402228.88	3781348.78	20.44008	(12120216)
402248.88	3781348.78	18.92408	(14120116)	402268.88	3781348.78	18.73516	(14120116)
402288.88	3781348.78	18.35698	(14120116)	402308.88	3781348.78	17.74720	(14120116)
402328.88	3781348.78	16.99823	(14120116)	402348.88	3781348.78	16.11375	(14120116)
402368.88	3781348.78	15.11723	(14120116)	402388.88	3781348.78	14.04792	(14120116)
402408.88	3781348.78	13.23948	(12012517)	402428.88	3781348.78	12.65418	(12012517)
402448.88	3781348.78	11.96959	(12012517)	402468.88	3781348.78	12.18999	(12031616)
402488.88	3781348.78	12.85029	(12031616)	402508.88	3781348.78	13.61934	(12031616)
401308.88	3781368.78	5.99876	(16093007)	401328.88	3781368.78	6.24559	(16093007)
401348.88	3781368.78	6.50813	(16093007)	401368.88	3781368.78	6.77540	(16093007)
401388.88	3781368.78	7.06443	(16093007)	401408.88	3781368.78	7.37814	(16093007)
401428.88	3781368.78	7.70176	(16093007)	401448.88	3781368.78	8.03862	(16093007)
401468.88	3781368.78	8.39367	(16093007)	401488.88			

3781368.78 8.78435 (16093007)
401508.88 3781368.78 9.17831 (16093007) 401528.88
3781368.78 9.65344 (12021216)
401548.88 3781368.78 10.85776 (12021216) 401568.88
3781368.78 12.42318 (12111715)
401588.88 3781368.78 15.04544 (12111715) 401608.88
3781368.78 17.85788 (12111715)
401628.88 3781368.78 20.76707 (12111715) 401648.88
3781368.78 23.62647 (12111715)
401668.88 3781368.78 26.29378 (12111715) 401688.88
3781368.78 28.56202 (12111715)
401708.88 3781368.78 30.33929 (12111715) 401728.88
3781368.78 31.41819 (12111715)
401748.88 3781368.78 31.82260 (12111715) 401768.88
3781368.78 32.17140 (12021515)
401788.88 3781368.78 32.80705 (12021515) 401808.88
3781368.78 32.69067 (12021515)
401828.88 3781368.78 31.86465 (12021515) 401848.88
3781368.78 30.47444 (12021515)
401868.88 3781368.78 28.56789 (12021515) 401888.88
3781368.78 26.34101 (12021515)
401908.88 3781368.78 23.72607 (12021515) 401928.88
3781368.78 23.53417 (12101116)
401948.88 3781368.78 24.45700 (12042618) 401968.88
3781368.78 27.16251 (12042618)
401988.88 3781368.78 29.14037 (12042618) 402008.88
3781368.78 30.87800 (12042618)
402028.88 3781368.78 31.88598 (12042618) 402048.88
3781368.78 32.21512 (12042618)
402068.88 3781368.78 32.10060 (12042618) 402088.88
3781368.78 32.48735 (12120216)
402108.88 3781368.78 32.78962 (12120216) 402128.88
3781368.78 32.24254 (12120216)
402148.88 3781368.78 30.93729 (12120216) 402168.88
3781368.78 28.93873 (12120216)
402188.88 3781368.78 26.21245 (12120216) 402208.88
3781368.78 23.23008 (12120216)
402228.88 3781368.78 20.69020 (14120116) 402248.88
3781368.78 20.57219 (14120116)
402268.88 3781368.78 20.14978 (14120116) 402288.88
3781368.78 19.48072 (14120116)
402308.88 3781368.78 18.61613 (14120116) 402328.88
3781368.78 17.60236 (14120116)
402348.88 3781368.78 16.49940 (14120116) 402368.88
3781368.78 15.27233 (14120116)
402388.88 3781368.78 14.33446 (12012517) 402408.88
3781368.78 13.62711 (12012517)
402428.88 3781368.78 13.54148 (12031616) 402448.88
3781368.78 14.32481 (12031616)
402468.88 3781368.78 14.93214 (12031616) 402488.88

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401328.88   3781388.78   6.42128 (16093007)   401348.88
3781388.78   6.69836 (16093007)
        401368.88   3781388.78   6.98575 (16093007)   401388.88
3781388.78   7.29465 (16093007)
        401408.88   3781388.78   7.63065 (16093007)   401428.88
3781388.78   7.97790 (16093007)
        401448.88   3781388.78   8.34349 (16093007)   401468.88
3781388.78   8.73528 (16093007)
        401488.88   3781388.78   9.15944 (16093007)   401508.88
3781388.78   9.59751 (16093007)
        401528.88   3781388.78   10.05440 (16093007)   401548.88
3781388.78   10.53540 (12021216)
        401568.88   3781388.78   11.95977 (12021216)   401588.88
3781388.78   14.29318 (12111715)
        401608.88   3781388.78   17.25761 (12111715)   401628.88
3781388.78   20.40299 (12111715)
        401648.88   3781388.78   23.58652 (12111715)   401668.88
3781388.78   26.75210 (12111715)

401688.88 3781388.78 29.49281 (12111715) 401708.88
3781388.78 31.71898 (12111715)
401728.88 3781388.78 33.34401 (12111715) 401748.88
3781388.78 34.06959 (12111715)
401768.88 3781388.78 34.15323 (12111715) 401788.88
3781388.78 35.12951 (12021515)
401808.88 3781388.78 35.21392 (12021515) 401828.88
3781388.78 34.55406 (12021515)
401848.88 3781388.78 33.25175 (12021515) 401868.88
3781388.78 31.30418 (12021515)
401888.88 3781388.78 29.20035 (12021515) 401908.88
3781388.78 26.48499 (12021515)
401928.88 3781388.78 25.32445 (12101116) 401948.88
3781388.78 27.36016 (12042618)
401968.88 3781388.78 30.00519 (12042618) 401988.88
3781388.78 32.12766 (12042618)
402008.88 3781388.78 33.58871 (12042618) 402028.88
3781388.78 34.52893 (12042618)
402048.88 3781388.78 34.73022 (12042618) 402068.88
3781388.78 34.54306 (12120216)
402088.88 3781388.78 35.15613 (12120216) 402108.88
3781388.78 35.10035 (12120216)
402128.88 3781388.78 34.18390 (12120216) 402148.88
3781388.78 32.38705 (12120216)
402168.88 3781388.78 29.76395 (12120216) 402188.88
3781388.78 26.64637 (12120216)
402208.88 3781388.78 23.10612 (12120216) 402228.88
3781388.78 22.73453 (14120116)
402248.88 3781388.78 22.26567 (14120116) 402268.88
3781388.78 21.47588 (14120116)
402288.88 3781388.78 20.50875 (14120116) 402308.88
3781388.78 19.32491 (14120116)
402328.88 3781388.78 18.04766 (14120116) 402348.88
3781388.78 16.68235 (14120116)
402368.88 3781388.78 15.55638 (12012517) 402388.88
3781388.78 15.05388 (12031616)
402408.88 3781388.78 15.95772 (12031616) 402428.88
3781388.78 16.78918 (12031616)
402448.88 3781388.78 17.52804 (12031616) 402468.88
3781388.78 17.96895 (12031616)
402488.88 3781388.78 18.59048 (12031616) 402508.88
3781388.78 19.09706 (12031616)
401308.88 3781408.78 6.46458 (12022717) 401328.88
3781408.78 6.60114 (16093007)
401348.88 3781408.78 6.89439 (16093007) 401368.88
3781408.78 7.19650 (16093007)
401388.88 3781408.78 7.52837 (16093007) 401408.88
3781408.78 7.89140 (16093007)
401428.88 3781408.78 8.26423 (16093007) 401448.88
3781408.78 8.65889 (16093007)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401708.88	3781408.78	33.04098	(12111715)	401728.88	3781408.78	35.21205	(12111715)
401748.88	3781408.78	36.44654	(12111715)	401768.88	3781408.78	36.85397	(12111715)
401788.88	3781408.78	37.55514	(12021515)	401808.88	3781408.78	37.93608	(12021515)
401828.88	3781408.78	37.49640	(12021515)	401848.88	3781408.78	36.27976	(12021515)
401868.88	3781408.78	34.40867	(12021515)	401888.88			

3781408.78 32.20981 (12021515)
401908.88 3781408.78 29.54379 (12021515) 401928.88
3781408.78 27.46361 (12101116)
401948.88 3781408.78 30.58241 (12042618) 401968.88
3781408.78 33.37254 (12042618)
401988.88 3781408.78 35.48495 (12042618) 402008.88
3781408.78 36.78395 (12042618)
402028.88 3781408.78 37.49871 (12042618) 402048.88
3781408.78 37.44818 (12042618)
402068.88 3781408.78 37.55203 (12120216) 402088.88
3781408.78 37.84950 (12120216)
402108.88 3781408.78 37.45691 (12120216) 402128.88
3781408.78 36.08394 (12120216)
402148.88 3781408.78 33.69873 (12120216) 402168.88
3781408.78 30.46427 (12120216)
402188.88 3781408.78 26.78603 (12120216) 402208.88
3781408.78 25.18732 (14120116)
402228.88 3781408.78 24.69085 (14120116) 402248.88
3781408.78 23.82918 (14120116)
402268.88 3781408.78 22.72858 (14120116) 402288.88
3781408.78 21.36234 (14120116)
402308.88 3781408.78 19.83742 (14120116) 402328.88
3781408.78 18.25965 (14120116)
402348.88 3781408.78 16.96306 (12012517) 402368.88
3781408.78 17.83049 (12031616)
402388.88 3781408.78 18.76289 (12031616) 402408.88
3781408.78 19.59239 (12031616)
402428.88 3781408.78 20.30768 (12031616) 402448.88
3781408.78 20.84434 (12031616)
402468.88 3781408.78 21.14817 (12031616) 402488.88
3781408.78 21.57613 (12031616)
402508.88 3781408.78 21.82683 (12031616) 401308.88
3781428.78 7.61832 (12022717)
401328.88 3781428.78 7.54532 (12022717) 401348.88
3781428.78 7.45142 (12022717)
401368.88 3781428.78 7.40675 (16093007) 401388.88
3781428.78 7.76628 (16093007)
401408.88 3781428.78 8.15361 (16093007) 401428.88
3781428.78 8.56100 (16093007)
401448.88 3781428.78 8.98180 (16093007) 401468.88
3781428.78 9.43941 (16093007)
401488.88 3781428.78 9.93702 (16093007) 401508.88
3781428.78 10.44738 (16093007)
401528.88 3781428.78 11.01266 (16093007) 401548.88
3781428.78 11.57359 (16093007)
401568.88 3781428.78 12.23110 (16093007) 401588.88
3781428.78 12.93619 (16093007)
401608.88 3781428.78 15.67239 (12111715) 401628.88
3781428.78 19.19658 (12111715)
401648.88 3781428.78 23.05888 (12111715) 401668.88

3781428.78 27.04836 (12111715)
401688.88 3781428.78 30.75133 (12111715) 401708.88
3781428.78 34.19727 (12111715)
401728.88 3781428.78 36.93686 (12111715) 401748.88
3781428.78 38.93698 (12111715)
401768.88 3781428.78 39.91416 (12111715) 401788.88
3781428.78 40.27785 (12021515)
401808.88 3781428.78 41.00498 (12021515) 401828.88
3781428.78 40.79345 (12021515)
401848.88 3781428.78 39.72808 (12021515) 401868.88
3781428.78 37.92923 (12021515)
401888.88 3781428.78 35.78465 (12021515) 401908.88
3781428.78 33.10409 (12021515)
401928.88 3781428.78 31.17909 (12042618) 401948.88
3781428.78 34.80616 (12042618)
401968.88 3781428.78 37.40216 (12042618) 401988.88
3781428.78 39.35502 (12042618)
402008.88 3781428.78 40.27899 (12042618) 402028.88
3781428.78 40.72004 (12042618)
402048.88 3781428.78 40.39978 (12042618) 402068.88
3781428.78 40.80726 (12120216)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
- -

```
        402088.88   3781428.78       40.73292  (12120216)               402108.88
3781428.78       39.88828  (12120216)
        402128.88   3781428.78       37.88593  (12120216)               402148.88
3781428.78       34.95118  (12120216)
        402168.88   3781428.78       31.05614  (12120216)               402188.88
3781428.78       28.13752  (14120116)
        402208.88   3781428.78       27.54752  (14120116)               402228.88
3781428.78       26.55922  (14120116)
        402248.88   3781428.78       25.24063  (14120116)               402268.88
3781428.78       23.69853  (14120116)
        402288.88   3781428.78       21.95297  (14120116)               402308.88
3781428.78       20.10501  (14120116)
        402328.88   3781428.78       20.21284  (12031616)               402348.88
3781428.78       21.23810  (12031616)
        402368.88   3781428.78       22.09523  (12031616)               402388.88
3781428.78       22.90388  (12031616)
        402408.88   3781428.78       23.55499  (12031616)               402428.88
3781428.78       24.05982  (12031616)
        402448.88   3781428.78       24.34531  (12031616)               402468.88
3781428.78       24.30541  (12031616)
        402488.88   3781428.78       24.35137  (12031616)               402508.88
3781428.78       24.29609  (12031616)
        401308.88   3781448.78        8.82302  (12022717)               401328.88
3781448.78        8.80518  (12022717)
        401348.88   3781448.78        8.77451  (12022717)               401368.88
3781448.78        8.71111  (12022717)
        401388.88   3781448.78        8.63684  (12022717)               401408.88
3781448.78        8.54016  (12022717)
        401428.88   3781448.78        8.84513  (16093007)               401448.88
3781448.78        9.30588  (16093007)
        401468.88   3781448.78        9.79775  (16093007)               401488.88
3781448.78       10.35090  (16093007)
        401508.88   3781448.78       10.90101  (16093007)               401528.88
3781448.78       11.52087  (16093007)
        401548.88   3781448.78       12.14618  (16093007)               401568.88
3781448.78       12.87759  (16093007)
        401588.88   3781448.78       13.66515  (16093007)               401608.88
3781448.78       14.64795  (12111715)
        401628.88   3781448.78       18.33314  (12111715)               401648.88
3781448.78       22.40104  (12111715)
        401668.88   3781448.78       26.79625  (12111715)               401688.88
3781448.78       31.24252  (12111715)
        401708.88   3781448.78       35.33168  (12111715)               401728.88
3781448.78       38.87401  (12111715)
        401748.88   3781448.78       41.58508  (12111715)               401768.88
3781448.78       43.13681  (12111715)
        401788.88   3781448.78       43.56975  (12111715)               401808.88
3781448.78       44.43764  (12021515)
        401828.88   3781448.78       44.44869  (12021515)               401848.88
3781448.78       43.66072  (12021515)
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401868.88 3781448.78 41.95470 (12021515) 401888.88
3781448.78 39.85976 (12021515)
401908.88 3781448.78 37.13214 (12021515) 401928.88
3781448.78 35.44710 (12042618)
401948.88 3781448.78 38.81113 (12042618) 401968.88
3781448.78 41.58545 (12042618)
401988.88 3781448.78 43.25657 (12042618) 402008.88
3781448.78 44.21705 (12042618)
402028.88 3781448.78 44.54860 (12042618) 402048.88
3781448.78 44.49346 (12120216)
402068.88 3781448.78 44.74122 (12120216) 402088.88
3781448.78 44.10056 (12120216)
402108.88 3781448.78 42.53081 (12120216) 402128.88
3781448.78 39.92536 (12120216)
402148.88 3781448.78 36.20938 (12120216) 402168.88
3781448.78 31.77341 (14120116)
402188.88 3781448.78 31.07262 (14120116) 402208.88
3781448.78 29.84986 (14120116)
402228.88 3781448.78 28.33434 (14120116) 402248.88
3781448.78 26.46750 (14120116)
402268.88 3781448.78 24.43102 (14120116) 402288.88
3781448.78 23.03803 (12031616)
402308.88 3781448.78 24.22966 (12031616) 402328.88
3781448.78 25.28166 (12031616)
402348.88 3781448.78 26.01734 (12031616) 402368.88
3781448.78 26.70354 (12031616)
402388.88 3781448.78 27.21685 (12031616) 402408.88
3781448.78 27.56193 (12031616)
402428.88 3781448.78 27.63670 (12031616) 402448.88
3781448.78 27.57128 (12031616)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402468.88	3781448.78	27.23375	(12031616)	402488.88	3781448.78	27.02074	(12031616)
402508.88	3781448.78	26.62779	(12031616)	401308.88	3781468.78	10.07274	(12022717)
401328.88	3781468.78	10.12984	(12022717)	401348.88	3781468.78	10.17334	(12022717)
401368.88	3781468.78	10.15349	(12022717)	401388.88	3781468.78	10.15854	(12022717)
401408.88	3781468.78	10.14813	(12022717)	401428.88	3781468.78	10.09723	(12022717)
401448.88	3781468.78	10.01236	(12022717)	401468.88	3781468.78	10.16017	(16093007)
401488.88	3781468.78	10.75283	(16093007)	401508.88	3781468.78	11.36068	(16093007)
401528.88	3781468.78	12.04576	(16093007)	401548.88	3781468.78	12.73888	(16093007)
401568.88	3781468.78	13.55360	(16093007)	401588.88	3781468.78	14.43430	(16093007)
401608.88	3781468.78	15.30155	(16093007)	401628.88	3781468.78	17.25532	(12111715)
401648.88	3781468.78	21.59237	(12111715)	401668.88	3781468.78	26.34654	(12111715)
401688.88	3781468.78	31.21874	(12111715)	401708.88	3781468.78	36.18235	(12111715)
401728.88	3781468.78	40.67227	(12111715)	401748.88	3781468.78	44.39220	(12111715)
401768.88	3781468.78	46.79811	(12111715)	401788.88	3781468.78	47.79766	(12111715)
401808.88	3781468.78	48.52552	(12021515)	401828.88	3781468.78	48.93713	(12021515)
401848.88	3781468.78	48.24251	(12021515)	401868.88	3781468.78	46.61296	(12021515)
401888.88	3781468.78	44.58559	(12021515)	401908.88	3781468.78	41.85858	(12021515)
401928.88	3781468.78	40.07808	(12042618)	401948.88	3781468.78	43.67447	(12042618)
401968.88	3781468.78	46.39186	(12042618)	401988.88	3781468.78	47.96968	(12042618)
402008.88	3781468.78	48.66157	(12042618)	402028.88	3781468.78	48.63196	(12042618)
402048.88	3781468.78	49.04037	(12120216)	402068.88			

3781468.78   48.78937 (12120216)
        402088.88   3781468.78   47.69563 (12120216)   402108.88
3781468.78   45.43289 (12120216)
        402128.88   3781468.78   41.92400 (12120216)   402148.88
3781468.78   37.13629 (12120216)
        402168.88   3781468.78   35.41692 (14120116)   402188.88
3781468.78   34.01313 (14120116)
        402208.88   3781468.78   32.00792 (14120116)   402228.88
3781468.78   29.84673 (14120116)
        402248.88   3781468.78   27.35857 (14120116)   402268.88
3781468.78   27.89297 (12031616)
        402288.88   3781468.78   29.13542 (12031616)   402308.88
3781468.78   30.08589 (12031616)
        402328.88   3781468.78   30.78202 (12031616)   402348.88
3781468.78   31.14488 (12031616)
        402368.88   3781468.78   31.40792 (12031616)   402388.88
3781468.78   31.52019 (12031616)
        402408.88   3781468.78   31.40807 (12031616)   402428.88
3781468.78   31.03255 (12031616)
        402448.88   3781468.78   30.43400 (12031616)   402468.88
3781468.78   29.66184 (12031616)
        402488.88   3781468.78   29.02232 (12031616)   402508.88
3781468.78   28.23903 (12031616)
        401308.88   3781488.78   11.34929 (12022717)   401328.88
3781488.78   11.48078 (12022717)
        401348.88   3781488.78   11.62648 (12022717)   401368.88
3781488.78   11.66024 (12022717)
        401388.88   3781488.78   11.77653 (12022717)   401408.88
3781488.78   11.88725 (12022717)
        401428.88   3781488.78   11.92096 (12022717)   401448.88
3781488.78   11.90881 (12022717)
        401468.88   3781488.78   11.88810 (12022717)   401488.88
3781488.78   11.85904 (12022717)
        401508.88   3781488.78   11.82669 (16093007)   401528.88
3781488.78   12.57839 (16093007)
        401548.88   3781488.78   13.34649 (16093007)   401568.88
3781488.78   14.24536 (16093007)
        401588.88   3781488.78   15.21343 (16093007)   401608.88
3781488.78   16.21438 (16093007)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002

```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        401628.88   3781488.78       17.35832  (16093007)               401648.88
3781488.78       20.39470  (12111715)
        401668.88   3781488.78       25.41875  (12111715)               401688.88
3781488.78       30.96827  (12111715)
        401708.88   3781488.78       36.74777  (12111715)               401728.88
3781488.78       42.21881  (12111715)
        401748.88   3781488.78       46.98538  (12111715)               401768.88
3781488.78       50.55846  (12111715)
        401788.88   3781488.78       52.45267  (12111715)               401808.88
3781488.78       53.14826  (12021515)
        401828.88   3781488.78       54.02168  (12021515)               401848.88
3781488.78       53.44695  (12021515)
        401868.88   3781488.78       52.04818  (12021515)               401888.88
3781488.78       50.23883  (12021515)
        401908.88   3781488.78       47.47135  (12021515)               401928.88
3781488.78       46.28328  (12042618)
        401948.88   3781488.78       49.78685  (12042618)               401968.88
3781488.78       52.24518  (12042618)
        401988.88   3781488.78       53.86692  (12042618)               402008.88
3781488.78       53.84780  (12042618)
        402028.88   3781488.78       53.86628  (12120216)               402048.88
3781488.78       54.16563  (12120216)
        402068.88   3781488.78       53.40159  (12120216)               402088.88
3781488.78       51.50342  (12120216)
        402108.88   3781488.78       48.50068  (12120216)               402128.88
3781488.78       43.68931  (12120216)
        402148.88   3781488.78       41.09325  (14120116)               402168.88
3781488.78       39.57146  (14120116)
        402188.88   3781488.78       37.22442  (14120116)               402208.88
3781488.78       33.90529  (14120116)
        402228.88   3781488.78       32.50677  (12031616)               402248.88
3781488.78       33.96012  (12031616)
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        402268.88   3781488.78       35.08136  (12031616)                402288.88
3781488.78       35.97065  (12031616)
        402308.88   3781488.78       36.27780  (12031616)                402328.88
3781488.78       36.39829  (12031616)
        402348.88   3781488.78       36.22932  (12031616)                402368.88
3781488.78       35.96877  (12031616)
        402388.88   3781488.78       35.57093  (12031616)                402408.88
3781488.78       34.87275  (12031616)
        402428.88   3781488.78       33.89541  (12031616)                402448.88
3781488.78       32.90183  (12031616)
        402468.88   3781488.78       31.75738  (12031616)                402488.88
3781488.78       30.46314  (12031616)
        402508.88   3781488.78       29.54698  (12031616)                401308.88
3781508.78       12.48166  (12022717)
        401328.88   3781508.78       12.73035  (12022717)                401348.88
3781508.78       13.00377  (12022717)
        401368.88   3781508.78       13.16976  (12022717)                401388.88
3781508.78       13.39814  (12022717)
        401408.88   3781508.78       13.65597  (12022717)                401428.88
3781508.78       13.85531  (12022717)
        401448.88   3781508.78       13.95803  (12022717)                401468.88
3781508.78       14.01125  (12022717)
        401488.88   3781508.78       14.15691  (12022717)                401508.88
3781508.78       14.15327  (12022717)
        401528.88   3781508.78       14.19827  (12022717)                401548.88
3781508.78       14.14446  (12022717)
        401568.88   3781508.78       14.95305  (16093007)                401588.88
3781508.78       16.02157  (16093007)
        401608.88   3781508.78       17.18706  (16093007)                401628.88
3781508.78       18.47631  (16093007)
        401648.88   3781508.78       19.91552  (16093007)                401668.88
3781508.78       24.30695  (12111715)
        401688.88   3781508.78       30.26880  (12111715)                401708.88
3781508.78       36.91221  (12111715)
        401728.88   3781508.78       43.81056  (12111715)                401748.88
3781508.78       49.64929  (12111715)
        401768.88   3781508.78       54.68357  (12111715)                401788.88
3781508.78       57.61509  (12111715)
        401808.88   3781508.78       58.67625  (12111715)                401828.88
3781508.78       59.58631  (12021515)
        401848.88   3781508.78       59.63198  (12021515)                401868.88
3781508.78       58.54586  (12021515)
        401888.88   3781508.78       56.70698  (12021515)                401908.88
3781508.78       54.00374  (12021515)
        401928.88   3781508.78       52.84544  (12042618)                401948.88
3781508.78       56.21146  (12042618)
        401968.88   3781508.78       58.73216  (12042618)                401988.88
3781508.78       59.72348  (12042618)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402008.88	3781508.78	59.84351	(12042618)	402028.88	3781508.78	60.25695	(12120216)
402048.88	3781508.78	59.97683	(12120216)	402068.88	3781508.78	58.78099	(12120216)
402088.88	3781508.78	56.04172	(12120216)	402108.88	3781508.78	51.68889	(12120216)
402128.88	3781508.78	46.83291	(14120116)	402148.88	3781508.78	45.62579	(14120116)
402168.88	3781508.78	42.90384	(14120116)	402188.88	3781508.78	39.55420	(14120116)
402208.88	3781508.78	40.27643	(12031616)	402228.88	3781508.78	41.55534	(12031616)
402248.88	3781508.78	42.31457	(12031616)	402268.88	3781508.78	42.59323	(12031616)
402288.88	3781508.78	42.64099	(12031616)	402308.88	3781508.78	42.37355	(12031616)
402328.88	3781508.78	41.63895	(12031616)	402348.88	3781508.78	40.85295	(12031616)
402368.88	3781508.78	39.94041	(12031616)	402388.88	3781508.78	38.79438	(12031616)
402408.88	3781508.78	37.50036	(12031616)	402428.88	3781508.78	35.96405	(12031616)
402448.88	3781508.78	34.39033	(12031616)	402468.88			

3781508.78 32.90027 (12031616)
402488.88 3781508.78 31.28811 (12031616) 402508.88
3781508.78 29.85576 (12031616)
401308.88 3781528.78 13.43920 (12022717) 401328.88
3781528.78 13.83480 (12022717)
401348.88 3781528.78 14.25675 (12022717) 401368.88
3781528.78 14.56691 (12022717)
401388.88 3781528.78 14.89240 (12022717) 401408.88
3781528.78 15.32930 (12022717)
401428.88 3781528.78 15.70251 (12022717) 401448.88
3781528.78 15.96449 (12022717)
401468.88 3781528.78 16.21217 (12022717) 401488.88
3781528.78 16.53557 (12022717)
401508.88 3781528.78 16.66179 (12022717) 401528.88
3781528.78 16.89028 (12022717)
401548.88 3781528.78 17.00864 (12022717) 401568.88
3781528.78 17.19133 (12022717)
401588.88 3781528.78 17.31201 (12022717) 401608.88
3781528.78 18.16974 (16093007)
401628.88 3781528.78 19.63133 (16093007) 401648.88
3781528.78 21.29659 (16093007)
401668.88 3781528.78 23.15025 (16093007) 401688.88
3781528.78 29.26552 (12111715)
401708.88 3781528.78 36.63703 (12111715) 401728.88
3781528.78 44.75525 (12111715)
401748.88 3781528.78 52.21750 (12111715) 401768.88
3781528.78 59.06784 (12111715)
401788.88 3781528.78 63.96578 (12111715) 401808.88
3781528.78 66.19981 (12111715)
401828.88 3781528.78 66.76685 (12021515) 401848.88
3781528.78 67.16467 (12021515)
401868.88 3781528.78 66.49210 (12021515) 401888.88
3781528.78 64.75294 (12021515)
401908.88 3781528.78 62.00875 (12021515) 401928.88
3781528.78 62.62888 (12042618)
401948.88 3781528.78 66.01633 (12042618) 401968.88
3781528.78 67.71114 (12042618)
401988.88 3781528.78 68.45198 (12042618) 402008.88
3781528.78 67.71408 (12120216)
402028.88 3781528.78 67.88261 (12120216) 402048.88
3781528.78 66.92448 (12120216)
402068.88 3781528.78 65.02211 (12120216) 402088.88
3781528.78 61.26764 (12120216)
402108.88 3781528.78 55.46445 (12120216) 402128.88
3781528.78 53.18053 (14120116)
402148.88 3781528.78 50.09189 (14120116) 402168.88
3781528.78 49.08419 (12031616)
402188.88 3781528.78 50.69840 (12031616) 402208.88
3781528.78 51.19172 (12031616)
402228.88 3781528.78 51.65414 (12031616) 402248.88

3781528.78   51.31111 (12031616)
        402268.88   3781528.78   50.47750 (12031616)   402288.88
3781528.78   49.34281 (12031616)
        402308.88   3781528.78   47.83430 (12031616)   402328.88
3781528.78   46.23786 (12031616)
        402348.88   3781528.78   45.07545 (12031616)   402368.88
3781528.78   42.96225 (12031616)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***

INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402388.88	3781528.78	41.13512	(12031616)	402408.88	3781528.78	39.21397	(12031616)
402428.88	3781528.78	37.27840	(12031616)	402448.88	3781528.78	35.28888	(12031616)
402468.88	3781528.78	33.72420	(12031616)	402488.88	3781528.78	31.74942	(12031616)
402508.88	3781528.78	29.36073	(12031616)	401308.88	3781548.78	14.17932	(12022717)
401328.88	3781548.78	14.76022	(12022717)	401348.88	3781548.78	15.27014	(12022717)
401368.88	3781548.78	15.73542	(12022717)	401388.88	3781548.78	16.20286	(12022717)
401408.88	3781548.78	16.81253	(12022717)	401428.88	3781548.78	17.38570	(12022717)

401448.88 3781548.78 17.85659 (12022717) 401468.88
3781548.78 18.27232 (12022717)
401488.88 3781548.78 18.85437 (12022717) 401508.88
3781548.78 19.08015 (12022717)
401528.88 3781548.78 19.62945 (12022717) 401548.88
3781548.78 19.89629 (12022717)
401568.88 3781548.78 20.36504 (12022717) 401588.88
3781548.78 20.83001 (12022717)
401608.88 3781548.78 21.26666 (12022717) 401628.88
3781548.78 21.63695 (12022717)
401648.88 3781548.78 22.84087 (16093007) 401668.88
3781548.78 25.00268 (16093007)
401688.88 3781548.78 27.88091 (12111715) 401708.88
3781548.78 35.70285 (12111715)
401728.88 3781548.78 44.90662 (12111715) 401748.88
3781548.78 54.51039 (12111715)
401768.88 3781548.78 64.10936 (12111715) 401788.88
3781548.78 71.52872 (12111715)
401808.88 3781548.78 75.50880 (12111715) 401828.88
3781548.78 77.05969 (12021515)
401848.88 3781548.78 77.51096 (12021515) 401868.88
3781548.78 76.49846 (12021515)
401888.88 3781548.78 74.95697 (12021515) 401908.88
3781548.78 72.10512 (12021515)
401928.88 3781548.78 73.41257 (12042618) 401948.88
3781548.78 76.14487 (12042618)
401968.88 3781548.78 77.29377 (12042618) 401988.88
3781548.78 77.38164 (12042618)
402008.88 3781548.78 77.68439 (12120216) 402028.88
3781548.78 77.53774 (12120216)
402048.88 3781548.78 75.88488 (12120216) 402068.88
3781548.78 72.66678 (12120216)
402088.88 3781548.78 67.36383 (12120216) 402108.88
3781548.78 63.50384 (14120116)
402128.88 3781548.78 60.63579 (12031616) 402148.88
3781548.78 62.89973 (12031616)
402168.88 3781548.78 64.12636 (12031616) 402188.88
3781548.78 63.90376 (12031616)
402208.88 3781548.78 62.71084 (12031616) 402228.88
3781548.78 61.38734 (12031616)
402248.88 3781548.78 59.30284 (12031616) 402268.88
3781548.78 57.06206 (12031616)
402288.88 3781548.78 54.72443 (12031616) 402308.88
3781548.78 52.03386 (12031616)
402328.88 3781548.78 49.58443 (12031616) 402348.88
3781548.78 47.79174 (12031616)
402368.88 3781548.78 44.61200 (12031616) 402388.88
3781548.78 42.31250 (12031616)
402408.88 3781548.78 39.80347 (12031616) 402428.88
3781548.78 37.35711 (12031616)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401548.88	3781568.78	22.71114	(12022717)	401568.88	3781568.78	23.54124	(12022717)
401588.88	3781568.78	24.36254	(12022717)	401608.88	3781568.78	25.22575	(12022717)
401628.88	3781568.78	26.07697	(12022717)	401648.88			

3781568.78 26.83156 (12022717)
401668.88 3781568.78 27.58186 (12022717) 401688.88
3781568.78 29.69185 (16093007)
401708.88 3781568.78 34.23324 (12111715) 401728.88
3781568.78 44.68927 (12111715)
401748.88 3781568.78 56.34369 (12111715) 401768.88
3781568.78 69.50064 (12111715)
401788.88 3781568.78 81.46086 (12111715) 401808.88
3781568.78 88.65832 (12111715)
401828.88 3781568.78 90.80305 (12021515) 401848.88
3781568.78 91.45098 (12021515)
401868.88 3781568.78 90.69498 (12021515) 401888.88
3781568.78 89.55156 (12021515)
401908.88 3781568.78 86.57759 (12021515) 401928.88
3781568.78 87.92917 (12042618)
401948.88 3781568.78 90.88004 (12042618) 401968.88
3781568.78 91.69170 (12042618)
401988.88 3781568.78 91.74161 (12120216) 402008.88
3781568.78 91.03211 (12120216)
402028.88 3781568.78 90.10051 (12120216) 402048.88
3781568.78 88.29979 (12120216)
402068.88 3781568.78 83.08390 (12120216) 402088.88
3781568.78 77.43463 (14120116)
402108.88 3781568.78 80.17728 (12031616) 402128.88
3781568.78 82.15674 (12031616)
402148.88 3781568.78 82.06174 (12031616) 402168.88
3781568.78 80.24725 (12031616)
402188.88 3781568.78 77.45712 (12031616) 402208.88
3781568.78 73.40666 (12031616)
402228.88 3781568.78 69.75085 (12031616) 402248.88
3781568.78 65.64039 (12031616)
402268.88 3781568.78 61.93774 (12031616) 402288.88
3781568.78 58.17313 (12031616)
402308.88 3781568.78 54.49874 (12031616) 402328.88
3781568.78 51.34376 (12031616)
402348.88 3781568.78 48.38929 (12031616) 402368.88
3781568.78 44.92195 (12031616)
402388.88 3781568.78 41.88184 (12031616) 402408.88
3781568.78 39.00299 (12031616)
402428.88 3781568.78 36.29187 (12031616) 402448.88
3781568.78 34.24748 (12120116)
402468.88 3781568.78 32.88146 (12120116) 402488.88
3781568.78 31.85370 (12120116)
402508.88 3781568.78 30.72467 (12120116) 401308.88
3781588.78 14.81226 (12022717)
401328.88 3781588.78 15.56285 (12022717) 401348.88
3781588.78 16.35945 (12022717)
401368.88 3781588.78 17.00563 (12022717) 401388.88
3781588.78 17.82493 (12022717)
401408.88 3781588.78 18.89466 (12022717) 401428.88

3781588.78   19.77722 (12022717)
        401448.88   3781588.78   20.61587 (12022717)   401468.88
3781588.78   21.43412 (12022717)
        401488.88   3781588.78   22.71341 (12022717)   401508.88
3781588.78   23.34862 (12022717)
        401528.88   3781588.78   24.29943 (12022717)   401548.88
3781588.78   25.21831 (12022717)
        401568.88   3781588.78   26.47957 (12022717)   401588.88
3781588.78   27.78820 (12022717)
        401608.88   3781588.78   28.92556 (12022717)   401628.88
3781588.78   30.20739 (12022717)
        401648.88   3781588.78   31.71288 (12022717)   401668.88
3781588.78   33.27945 (12022717)
        401688.88   3781588.78   35.07298 (12022717)   401708.88
3781588.78   36.99446 (12022717)
        401728.88   3781588.78   43.44374 (12111715)   401748.88
3781588.78   57.17559 (12111715)
        401768.88   3781588.78   75.08921 (12111715)   401788.88
3781588.78   96.17784 (12111715)
        401808.88   3781588.78   111.53880 (12111715)   401828.88
3781588.78   115.13142 (12021515)
        401848.88   3781588.78   115.40153 (12021515)   401868.88
3781588.78   113.44792 (12021515)
        401888.88   3781588.78   113.20662 (12021515)   401908.88
3781588.78   109.85291 (12021515)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401928.88	3781588.78	111.09816	(12042618)	401948.88	3781588.78	113.39889	(12042618)
401968.88	3781588.78	113.98590	(12120216)	401988.88	3781588.78	114.00076	(12120216)
402008.88	3781588.78	112.89034	(12120216)	402028.88	3781588.78	110.35472	(12120216)
402048.88	3781588.78	105.80480	(12120216)	402068.88	3781588.78	108.13449	(12031616)
402088.88	3781588.78	110.46468	(12031616)	402108.88	3781588.78	111.58376	(12031616)
402128.88	3781588.78	109.43721	(12031616)	402148.88	3781588.78	102.86550	(12031616)
402168.88	3781588.78	95.54692	(12031616)	402188.88	3781588.78	88.57259	(12031616)
402208.88	3781588.78	81.72055	(12031616)	402228.88	3781588.78	75.56115	(12031616)
402248.88	3781588.78	69.74871	(12031616)	402268.88	3781588.78	64.45883	(12031616)
402288.88	3781588.78	59.42617	(12031616)	402308.88	3781588.78	55.32473	(12031616)
402328.88	3781588.78	51.45491	(12031616)	402348.88	3781588.78	47.14677	(12031616)
402368.88	3781588.78	43.51172	(12031616)	402388.88	3781588.78	41.32423	(12120116)
402408.88	3781588.78	39.45047	(12120116)	402428.88	3781588.78	37.57845	(12120116)
402448.88	3781588.78	35.85368	(12120116)	402468.88	3781588.78	34.22543	(12120116)
402488.88	3781588.78	32.74460	(12120116)	402508.88	3781588.78	31.40504	(12120116)
401308.88	3781608.78	14.53509	(12022717)	401328.88	3781608.78	15.35886	(12022717)
401348.88	3781608.78	16.21504	(12022717)	401368.88	3781608.78	16.99070	(12022717)
401388.88	3781608.78	18.00550	(12022717)	401408.88	3781608.78	19.06786	(12022717)
401428.88	3781608.78	20.08298	(12022717)	401448.88	3781608.78	21.02789	(12022717)
401468.88	3781608.78	22.14599	(12022717)	401488.88	3781608.78	23.56395	(12022717)
401508.88	3781608.78	24.57265	(12022717)	401528.88	3781608.78	25.95156	(12022717)
401548.88	3781608.78	27.02796	(12022717)	401568.88	3781608.78	28.59736	(12022717)
401588.88	3781608.78	30.33332	(12022717)	401608.88	3781608.78	32.01878	(12022717)

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        401628.88   3781608.78       33.91052  (12022717)                401648.88
3781608.78       36.03483  (12022717)
        401668.88   3781608.78       38.19525  (12022717)                401688.88
3781608.78       41.17355  (12022717)
        401708.88   3781608.78       44.60453  (12022717)                401728.88
3781608.78       48.63460  (12022717)
        401748.88   3781608.78       56.18197  (12111715)                401768.88
3781608.78       77.77280  (12111715)
        401788.88   3781608.78      114.01233  (12111715)                401808.88
3781608.78      153.86431  (12111715)
        401828.88   3781608.78      156.82444  (12111715)                401848.88
3781608.78      159.27316  (12021515)
        401868.88   3781608.78      157.84526  (12021515)                401888.88
3781608.78      161.30121  (16093007)
        401908.88   3781608.78      164.39807  (16093007)                401928.88
3781608.78      163.26090  (16093007)
        401948.88   3781608.78      162.96298  (16093007)                401968.88
3781608.78      160.32608  (16093007)
        401988.88   3781608.78      160.55243  (12031616)                402008.88
3781608.78      165.65334  (12031616)
        402028.88   3781608.78      169.32430  (12031616)                402048.88
3781608.78      173.36520  (12031616)
        402068.88   3781608.78      176.43179  (12031616)                402088.88
3781608.78      173.74863  (12031616)
        402108.88   3781608.78      165.95523  (12031616)                402128.88
3781608.78      139.70870  (12031616)
        402148.88   3781608.78      120.20148  (12031616)                402168.88
3781608.78      106.42357  (12031616)
        402188.88   3781608.78       95.23907  (12031616)                402208.88
3781608.78       85.83319  (12031616)
        402228.88   3781608.78       77.64308  (12031616)                402248.88
3781608.78       70.71269  (12031616)
        402268.88   3781608.78       64.17667  (12031616)                402288.88
3781608.78       58.75429  (12031616)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        05:36:20

                                  PAGE 300
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402308.88	3781608.78	55.22062	(12120116)	402328.88	3781608.78	52.16067	(12120116)
402348.88	3781608.78	48.14163	(12120116)	402368.88	3781608.78	45.32465	(12120116)
402388.88	3781608.78	43.01097	(12120116)	402408.88	3781608.78	40.79058	(12120116)
402428.88	3781608.78	38.64607	(12120116)	402448.88	3781608.78	36.56034	(12120116)
402468.88	3781608.78	34.66858	(12120116)	402488.88	3781608.78	32.92735	(12120116)
402508.88	3781608.78	31.25944	(12120116)	401308.88	3781628.78	13.92142	(12022717)
401328.88	3781628.78	14.76806	(12022717)	401348.88	3781628.78	15.66726	(12022717)
401368.88	3781628.78	16.55814	(12022717)	401388.88	3781628.78	17.57870	(12022717)
401408.88	3781628.78	18.68485	(12022717)	401428.88	3781628.78	19.77172	(12022717)
401448.88	3781628.78	20.91527	(12022717)	401468.88	3781628.78	22.14397	(12022717)
401488.88	3781628.78	23.63666	(12022717)	401508.88	3781628.78	24.81297	(12022717)
401528.88	3781628.78	26.48817	(12022717)	401548.88	3781628.78	27.88574	(12022717)
401568.88	3781628.78	29.77936	(12022717)	401588.88	3781628.78	31.94160	(12022717)
401608.88	3781628.78	34.34760	(12022717)	401628.88	3781628.78	36.48044	(12022717)
401648.88	3781628.78	39.34416	(12022717)	401668.88	3781628.78	42.48634	(12022717)
401688.88	3781628.78	46.23742	(12022717)	401708.88	3781628.78	51.17984	(12022717)
401728.88	3781628.78	57.36134	(12022717)	401748.88	3781628.78	68.19314	(12120215)
401768.88	3781628.78	86.75110	(12033117)	401788.88	3781628.78	136.82468	(12033117)
402128.88	3781628.78	156.59723	(12031616)	402148.88			

3781628.78   128.19718 (12031616)
        402168.88   3781628.78   110.47791 (12031616)   402188.88
3781628.78   96.78291 (12031616)
        402208.88   3781628.78   85.87814 (12031616)   402228.88
3781628.78   76.74313 (12031616)
        402248.88   3781628.78   70.14147 (12120116)   402268.88
3781628.78   65.03872 (12120116)
        402288.88   3781628.78   61.98783 (12120116)   402308.88
3781628.78   58.96910 (12120116)
        402328.88   3781628.78   54.29618 (12120116)   402348.88
3781628.78   49.38487 (12120116)
        402368.88   3781628.78   46.08209 (12120116)   402388.88
3781628.78   43.83626 (12120116)
        402408.88   3781628.78   41.24128 (12120116)   402428.88
3781628.78   38.55639 (12120116)
        402448.88   3781628.78   36.26793 (12120116)   402468.88
3781628.78   34.17913 (12120116)
        402488.88   3781628.78   32.22711 (12120116)   402508.88
3781628.78   30.39553 (12120116)
        401308.88   3781648.78   13.90573 (13051303)   401328.88
3781648.78   14.17225 (13051303)
        401348.88   3781648.78   14.76366 (12022717)   401368.88
3781648.78   15.72340 (12022717)
        401388.88   3781648.78   16.71952 (12022717)   401408.88
3781648.78   17.79895 (12022717)
        401428.88   3781648.78   18.94374 (12022717)   401448.88
3781648.78   20.19194 (12022717)
        401468.88   3781648.78   21.49415 (12022717)   401488.88
3781648.78   22.91472 (12022717)
        401508.88   3781648.78   24.40544 (12022717)   401528.88
3781648.78   26.01161 (12022717)
        401548.88   3781648.78   27.78466 (12022717)   401568.88
3781648.78   29.81813 (12022717)
        401588.88   3781648.78   31.99737 (12022717)   401608.88
3781648.78   35.34149 (12120215)
        401628.88   3781648.78   38.66004 (12120215)   401648.88
3781648.78   43.29213 (12120215)
        401668.88   3781648.78   48.85093 (12120215)   401688.88
3781648.78   55.47852 (12120215)
        401708.88   3781648.78   64.75783 (12120215)   401728.88
3781648.78   78.29979 (12033117)
        401748.88   3781648.78   99.68179 (12033117)   401768.88
3781648.78   132.89787 (12033117)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401788.88	3781648.78	202.95198	(12033117)	402108.88	3781648.78	196.43786	(12120116)
402128.88	3781648.78	150.55003	(12120116)	402148.88	3781648.78	126.17053	(12120116)
402168.88	3781648.78	109.61170	(12120116)	402188.88	3781648.78	96.72488	(12120116)
402208.88	3781648.78	86.89756	(12120116)	402228.88	3781648.78	78.77317	(12120116)
402248.88	3781648.78	71.95471	(12120116)	402268.88	3781648.78	67.89104	(12120116)
402288.88	3781648.78	63.75422	(12120116)	402308.88	3781648.78	58.40441	(12120116)
402328.88	3781648.78	53.10470	(12120116)	402348.88	3781648.78	48.82195	(12120116)
402368.88	3781648.78	45.42682	(12120116)	402388.88	3781648.78	42.85907	(12120116)
402408.88	3781648.78	40.06200	(12120116)	402428.88	3781648.78	37.37050	(12120116)
402448.88	3781648.78	34.99339	(12120116)	402468.88	3781648.78	32.79305	(12120116)
402488.88	3781648.78	30.77021	(12120116)	402508.88	3781648.78	28.89781	(12120116)
401308.88	3781668.78	15.57326	(13051303)	401328.88	3781668.78	16.11498	(13051303)
401348.88	3781668.78	16.69845	(13051303)	401368.88	3781668.78	17.33039	(13051303)
401388.88	3781668.78	17.58738	(12120215)	401408.88	3781668.78	18.83894	(12120215)

401428.88 3781668.78 20.21429 (12120215) 401448.88
3781668.78 21.74154 (12120215)
401468.88 3781668.78 23.45002 (12120215) 401488.88
3781668.78 25.34212 (12120215)
401508.88 3781668.78 27.44504 (12120215) 401528.88
3781668.78 29.82589 (12120215)
401548.88 3781668.78 32.38028 (12120215) 401568.88
3781668.78 35.54892 (12120215)
401588.88 3781668.78 38.94008 (12120215) 401608.88
3781668.78 43.50704 (12033117)
401628.88 3781668.78 48.32231 (12033117) 401648.88
3781668.78 54.86686 (12033117)
401668.88 3781668.78 63.66916 (12033117) 401688.88
3781668.78 73.56083 (12033117)
401708.88 3781668.78 89.06707 (12033117) 401728.88
3781668.78 105.76804 (12033117)
401748.88 3781668.78 132.56678 (12033117) 401768.88
3781668.78 169.24329 (12033117)
401788.88 3781668.78 239.41246 (12033117) 402108.88
3781668.78 180.98511 (12120116)
402128.88 3781668.78 144.23284 (12120116) 402148.88
3781668.78 123.23930 (12120116)
402168.88 3781668.78 108.00211 (12120116) 402188.88
3781668.78 96.12225 (12120116)
402208.88 3781668.78 86.46286 (12120116) 402228.88
3781668.78 77.57574 (12120116)
402248.88 3781668.78 71.01515 (12120116) 402268.88
3781668.78 65.62197 (12120116)
402288.88 3781668.78 60.74885 (12120116) 402308.88
3781668.78 55.83911 (12120116)
402328.88 3781668.78 50.84301 (12120116) 402348.88
3781668.78 47.03170 (12120116)
402368.88 3781668.78 43.46634 (12120116) 402388.88
3781668.78 40.52071 (12120116)
402408.88 3781668.78 37.55900 (12120116) 402428.88
3781668.78 35.06538 (12120116)
402448.88 3781668.78 32.69800 (12120116) 402468.88
3781668.78 30.52904 (12120116)
402488.88 3781668.78 28.50683 (12120116) 402508.88
3781668.78 26.66309 (12120116)
401308.88 3781688.78 16.26251 (13051303) 401328.88
3781688.78 16.93900 (13051303)
401348.88 3781688.78 17.81915 (12120215) 401368.88
3781688.78 19.00382 (12120215)
401388.88 3781688.78 20.31853 (12120215) 401408.88
3781688.78 21.77357 (12120215)
401428.88 3781688.78 23.37540 (12120215) 401448.88
3781688.78 25.14391 (12120215)
401468.88 3781688.78 27.09909 (12120215) 401488.88
3781688.78 29.26472 (12120215)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401548.88	3781688.78	39.30823	(12033117)	401568.88	3781688.78	43.59742	(12033117)
401588.88	3781688.78	48.39938	(12033117)	401608.88	3781688.78	54.08527	(12033117)
401628.88	3781688.78	60.63415	(12033117)	401648.88	3781688.78	68.67750	(12033117)
401668.88	3781688.78	78.05001	(12033117)	401688.88	3781688.78	89.87020	(12033117)
401708.88	3781688.78	105.42211	(12033117)	401728.88	3781688.78	125.36830	(12033117)
401748.88	3781688.78	152.87005	(12033117)	401768.88	3781688.78	188.68386	(12033117)
401788.88	3781688.78	257.28598	(12033117)	402088.88	3781688.78	227.28655	(12120116)
402108.88	3781688.78	165.51549	(12120116)	402128.88	3781688.78	135.88340	(12120116)
402148.88	3781688.78	117.09571	(12120116)	402168.88	3781688.78	102.91889	(12120116)
402188.88	3781688.78	91.53383	(12120116)	402208.88			

3781688.78 82.24389 (12120116)
402228.88 3781688.78 74.28772 (12120116) 402248.88
3781688.78 67.01744 (12120116)
402268.88 3781688.78 61.01662 (12120116) 402288.88
3781688.78 56.62604 (12120116)
402308.88 3781688.78 51.51328 (12120116) 402328.88
3781688.78 46.85051 (12120116)
402348.88 3781688.78 43.46238 (12120116) 402368.88
3781688.78 40.30155 (12120116)
402388.88 3781688.78 37.16924 (12120116) 402408.88
3781688.78 34.34305 (12120116)
402428.88 3781688.78 31.90497 (12120116) 402448.88
3781688.78 29.65727 (12120116)
402468.88 3781688.78 27.58522 (12120116) 402488.88
3781688.78 25.66284 (12120116)
402508.88 3781688.78 23.88519 (12120116) 401308.88
3781708.78 19.61974 (13100421)
401328.88 3781708.78 20.60488 (13100421) 401348.88
3781708.78 21.11136 (13100421)
401368.88 3781708.78 21.72258 (13100421) 401388.88
3781708.78 22.81123 (12033117)
401408.88 3781708.78 24.87225 (12033117) 401428.88
3781708.78 27.15197 (12033117)
401448.88 3781708.78 29.72823 (12033117) 401468.88
3781708.78 32.59245 (12033117)
401488.88 3781708.78 35.80828 (12033117) 401508.88
3781708.78 39.37939 (12033117)
401528.88 3781708.78 43.20677 (12033117) 401548.88
3781708.78 47.24619 (12033117)
401568.88 3781708.78 51.96355 (12033117) 401588.88
3781708.78 57.18897 (12033117)
401608.88 3781708.78 63.59323 (12033117) 401628.88
3781708.78 71.25043 (12033117)
401648.88 3781708.78 80.09528 (12033117) 401668.88
3781708.78 91.32540 (12033117)
401688.88 3781708.78 101.80060 (12033117) 401708.88
3781708.78 119.37707 (12033117)
401728.88 3781708.78 137.05455 (12033117) 401748.88
3781708.78 164.47812 (12033117)
401768.88 3781708.78 198.23051 (12033117) 401788.88
3781708.78 266.77506 (12033117)
402088.88 3781708.78 213.23818 (12043018) 402108.88
3781708.78 156.28280 (12043018)
402128.88 3781708.78 129.81513 (12043018) 402148.88
3781708.78 113.41808 (12043018)
402168.88 3781708.78 99.11515 (12043018) 402188.88
3781708.78 85.38815 (12043018)
402208.88 3781708.78 76.22166 (12120116) 402228.88
3781708.78 68.13154 (12120116)
402248.88 3781708.78 62.09008 (12043018) 402268.88

3781708.78   55.91015 (12120116)
        402288.88   3781708.78   50.84033 (12120116)   402308.88
3781708.78   46.59955 (12120116)
        402328.88   3781708.78   42.06687 (12120116)   402348.88
3781708.78   39.03893 (12120116)
        402368.88   3781708.78   36.14165 (12120116)   402388.88
3781708.78   32.88888 (12120116)
        402408.88   3781708.78   30.52856 (12120116)   402428.88
3781708.78   28.14802 (12120116)
        402448.88   3781708.78   26.02627 (12120116)   402468.88
3781708.78   24.20339 (12120116)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        402488.88   3781708.78   22.47513 (12120116)   402508.88
3781708.78   20.81988 (12120116)
        401308.88   3781728.78   20.27190 (12033117)   401328.88
3781728.78   21.82300 (12033117)
        401348.88   3781728.78   23.56935 (12033117)   401368.88
3781728.78   25.47620 (12033117)
        401388.88   3781728.78   27.58683 (12033117)   401408.88
3781728.78   29.93164 (12033117)
        401428.88   3781728.78   32.51257 (12033117)   401448.88
3781728.78   35.36091 (12033117)

401468.88 3781728.78 38.50629 (12033117) 401488.88
3781728.78 41.97188 (12033117)
401508.88 3781728.78 45.73736 (12033117) 401528.88
3781728.78 49.55499 (12033117)
401548.88 3781728.78 53.79485 (12033117) 401568.88
3781728.78 58.73485 (12033117)
401588.88 3781728.78 63.99050 (12033117) 401608.88
3781728.78 70.97768 (12033117)
401628.88 3781728.78 78.36095 (12033117) 401648.88
3781728.78 87.37098 (12033117)
401668.88 3781728.78 97.70719 (12033117) 401688.88
3781728.78 109.77609 (12033117)
401708.88 3781728.78 123.80662 (12033117) 401728.88
3781728.78 142.36236 (12033117)
401748.88 3781728.78 167.83492 (12033117) 401768.88
3781728.78 201.30277 (12033117)
401788.88 3781728.78 268.25186 (12033117) 402088.88
3781728.78 202.85471 (12043018)
402108.88 3781728.78 163.21665 (12043018) 402128.88
3781728.78 147.60967 (12043018)
402148.88 3781728.78 127.02219 (12043018) 402168.88
3781728.78 111.06926 (12043018)
402188.88 3781728.78 97.75244 (12043018) 402208.88
3781728.78 84.33364 (12043018)
402228.88 3781728.78 74.53527 (12043018) 402248.88
3781728.78 68.61105 (12043018)
402268.88 3781728.78 61.33932 (12043018) 402288.88
3781728.78 55.06997 (12043018)
402308.88 3781728.78 48.66223 (12043018) 402328.88
3781728.78 44.23485 (12043018)
402348.88 3781728.78 39.33175 (12043018) 402368.88
3781728.78 34.36139 (12043018)
402388.88 3781728.78 31.76333 (12043018) 402408.88
3781728.78 28.50174 (12043018)
402428.88 3781728.78 26.11086 (12043018) 402448.88
3781728.78 23.87558 (12043018)
402468.88 3781728.78 21.80280 (12043018) 402488.88
3781728.78 19.92276 (12043018)
402508.88 3781728.78 18.25523 (12043018) 401308.88
3781748.78 23.81596 (12033117)
401328.88 3781748.78 25.56606 (12033117) 401348.88
3781748.78 27.49441 (12033117)
401368.88 3781748.78 29.59073 (12033117) 401388.88
3781748.78 31.89441 (12033117)
401408.88 3781748.78 34.41485 (12033117) 401428.88
3781748.78 37.15792 (12033117)
401448.88 3781748.78 40.14671 (12033117) 401468.88
3781748.78 43.41398 (12033117)
401488.88 3781748.78 46.95997 (12033117) 401508.88
3781748.78 50.72710 (12033117)

401528.88 3781748.78 54.55633 (12033117) 401548.88 3781748.78 58.57633 (12033117)
401568.88 3781748.78 63.54117 (12033117) 401588.88 3781748.78 68.78640 (12033117)
401608.88 3781748.78 75.76997 (12033117) 401628.88 3781748.78 83.01499 (12033117)
401648.88 3781748.78 91.48305 (12033117) 401668.88 3781748.78 101.56951 (12033117)
401688.88 3781748.78 113.42069 (12033117) 401708.88 3781748.78 126.98513 (12033117)
401728.88 3781748.78 145.27045 (12033117) 401748.88 3781748.78 169.68174 (12033117)
401768.88 3781748.78 201.23442 (12033117) 401788.88 3781748.78 267.11825 (12033117)
402068.88 3781748.78 256.08180 (12043018) 402088.88 3781748.78 194.20943 (12043018)
402108.88 3781748.78 163.32952 (12043018) 402128.88 3781748.78 130.42179 (12043018)
402148.88 3781748.78 113.28887 (12043018) 402168.88 3781748.78 101.26345 (12043018)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
- -
402188.88 3781748.78 92.51774 (12043018) 402208.88

3781748.78 87.45738 (12043018)
402228.88 3781748.78 80.53657 (12043018) 402248.88
3781748.78 72.67501 (12043018)
402268.88 3781748.78 66.35905 (12043018) 402288.88
3781748.78 60.23855 (12043018)
402308.88 3781748.78 53.63085 (12043018) 402328.88
3781748.78 48.92048 (12043018)
402348.88 3781748.78 44.84583 (12043018) 402368.88
3781748.78 40.51334 (12043018)
402388.88 3781748.78 36.75625 (12043018) 402408.88
3781748.78 33.48066 (12043018)
402428.88 3781748.78 30.59594 (12043018) 402448.88
3781748.78 28.23748 (12043018)
402468.88 3781748.78 25.72113 (12043018) 402488.88
3781748.78 23.64250 (12043018)
402508.88 3781748.78 21.70073 (12043018) 401308.88
3781768.78 27.01252 (12033117)
401328.88 3781768.78 28.87374 (12033117) 401348.88
3781768.78 30.89841 (12033117)
401368.88 3781768.78 33.08114 (12033117) 401388.88
3781768.78 35.46887 (12033117)
401408.88 3781768.78 38.03720 (12033117) 401428.88
3781768.78 40.82023 (12033117)
401448.88 3781768.78 43.81350 (12033117) 401468.88
3781768.78 47.06405 (12033117)
401488.88 3781768.78 50.55833 (12033117) 401508.88
3781768.78 54.17942 (12033117)
401528.88 3781768.78 57.55291 (12033117) 401548.88
3781768.78 61.59210 (12033117)
401568.88 3781768.78 66.05662 (12033117) 401588.88
3781768.78 71.29892 (12033117)
401608.88 3781768.78 77.39370 (12033117) 401628.88
3781768.78 84.17002 (12033117)
401648.88 3781768.78 92.16992 (12033117) 401668.88
3781768.78 100.99731 (12033117)
401688.88 3781768.78 112.11953 (12033117) 401708.88
3781768.78 125.83888 (12033117)
401728.88 3781768.78 144.70575 (12033117) 401748.88
3781768.78 167.53698 (12033117)
401768.88 3781768.78 198.63725 (12033117) 401788.88
3781768.78 265.51878 (12033117)
402068.88 3781768.78 236.55807 (12121716) 402088.88
3781768.78 185.01299 (12121716)
402108.88 3781768.78 142.79605 (12121716) 402128.88
3781768.78 118.91603 (12043018)
402148.88 3781768.78 105.55756 (12043018) 402168.88
3781768.78 95.23311 (12043018)
402188.88 3781768.78 86.60266 (12043018) 402208.88
3781768.78 82.14110 (12043018)
402228.88 3781768.78 83.05098 (12043018) 402248.88

3781768.78   75.60642 (12043018)
        402268.88   3781768.78   69.37713 (12043018)   402288.88
3781768.78   63.30221 (12043018)
        402308.88   3781768.78   57.23446 (12043018)   402328.88
3781768.78   52.08097 (12043018)
        402348.88   3781768.78   48.52616 (12043018)   402368.88
3781768.78   44.99680 (12043018)
        402388.88   3781768.78   41.26740 (12043018)   402408.88
3781768.78   37.90620 (12043018)
        402428.88   3781768.78   34.84812 (12043018)   402448.88
3781768.78   31.93229 (12043018)
        402468.88   3781768.78   29.29817 (12043018)   402488.88
3781768.78   27.05404 (12043018)
        402508.88   3781768.78   24.95614 (12043018)   401308.88
3781788.78   29.52791 (12033117)
        401328.88   3781788.78   31.40954 (12033117)   401348.88
3781788.78   33.46276 (12033117)
        401368.88   3781788.78   35.67503 (12033117)   401388.88
3781788.78   38.03508 (12033117)
        401408.88   3781788.78   40.57833 (12033117)   401428.88
3781788.78   43.28884 (12033117)
        401448.88   3781788.78   46.23105 (12033117)   401468.88
3781788.78   49.37406 (12033117)
        401488.88   3781788.78   52.75066 (12033117)   401508.88
3781788.78   56.23934 (12033117)
        401528.88   3781788.78   59.39804 (12033117)   401548.88
3781788.78   62.77574 (12033117)
        401568.88   3781788.78   66.81874 (12033117)   401588.88
3781788.78   71.99371 (12033117)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401608.88	3781788.78	77.76907	(12033117)	401628.88	3781788.78	84.38067	(12033117)
401648.88	3781788.78	91.88356	(12033117)	401668.88	3781788.78	101.20172	(12033117)
401688.88	3781788.78	114.19276	(12033117)	401708.88	3781788.78	129.08183	(12033117)
401728.88	3781788.78	147.58642	(12033117)	401748.88	3781788.78	172.11411	(12033117)
401768.88	3781788.78	196.74975	(12033117)	401788.88	3781788.78	263.13747	(12033117)
402068.88	3781788.78	220.80315	(12121716)	402088.88	3781788.78	175.63774	(12121716)
402108.88	3781788.78	140.97018	(12121716)	402128.88	3781788.78	114.73221	(12121716)
402148.88	3781788.78	102.57116	(12043018)	402168.88	3781788.78	93.21497	(12043018)
402188.88	3781788.78	85.20088	(12043018)	402208.88	3781788.78	81.65102	(12043018)
402228.88	3781788.78	82.44466	(12043018)	402248.88	3781788.78	76.13773	(12043018)
402268.88	3781788.78	69.98402	(12043018)	402288.88	3781788.78	64.01067	(12043018)
402308.88	3781788.78	58.91975	(12043018)	402328.88	3781788.78	54.32974	(12043018)
402348.88	3781788.78	50.41620	(12043018)	402368.88	3781788.78	47.75393	(12043018)
402388.88	3781788.78	43.97115	(12043018)	402408.88	3781788.78	40.74548	(12043018)
402428.88	3781788.78	37.75687	(12043018)	402448.88	3781788.78	34.89427	(12043018)
402468.88	3781788.78	32.30816	(12043018)	402488.88	3781788.78	30.10001	(12043018)
402508.88	3781788.78	27.95582	(12043018)	401308.88	3781808.78	31.49993	(12033117)
401328.88	3781808.78	33.33176	(12033117)	401348.88	3781808.78	35.29739	(12033117)
401368.88	3781808.78	37.39441	(12033117)	401388.88	3781808.78	39.62900	(12033117)
401408.88	3781808.78	42.02261	(12033117)	401428.88	3781808.78	44.57736	(12033117)
401448.88	3781808.78	47.28323	(12033117)	401468.88	3781808.78	50.16576	(12033117)

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        401488.88   3781808.78       53.23815  (12033117)               401508.88
3781808.78       56.42758  (12033117)
        401528.88   3781808.78       59.04475  (12033117)               401548.88
3781808.78       62.12520  (12033117)
        401568.88   3781808.78       66.25254  (12033117)               401588.88
3781808.78       70.77711  (12033117)
        401608.88   3781808.78       75.93312  (12033117)               401628.88
3781808.78       82.62702  (12033117)
        401648.88   3781808.78       92.75563  (12033117)               401668.88
3781808.78      102.43454  (12033117)
        401688.88   3781808.78      113.46347  (12033117)               401708.88
3781808.78      127.12788  (12033117)
        401728.88   3781808.78      145.16096  (12033117)               401748.88
3781808.78      166.63384  (12033117)
        401768.88   3781808.78      197.96955  (12033117)               401788.88
3781808.78      256.75273  (12033117)
        402068.88   3781808.78      217.46684  (12121716)               402088.88
3781808.78      173.16274  (12121716)
        402108.88   3781808.78      137.11615  (12121716)               402128.88
3781808.78      116.30327  (12121716)
        402148.88   3781808.78       99.89639  (12121716)               402168.88
3781808.78       90.38880  (12121716)
        402188.88   3781808.78       81.98869  (12121716)               402208.88
3781808.78       79.90777  (12121716)
        402228.88   3781808.78       80.54040  (12043018)               402248.88
3781808.78       74.35946  (12043018)
        402268.88   3781808.78       69.31161  (12043018)               402288.88
3781808.78       63.97391  (12043018)
        402308.88   3781808.78       59.40764  (12043018)               402328.88
3781808.78       55.33026  (12043018)
        402348.88   3781808.78       51.78558  (12043018)               402368.88
3781808.78       49.07185  (12043018)
        402388.88   3781808.78       45.31714  (12043018)               402408.88
3781808.78       42.40504  (12043018)
        402428.88   3781808.78       39.71569  (12043018)               402448.88
3781808.78       37.11780  (12043018)
        402468.88   3781808.78       34.58810  (12043018)               402488.88
3781808.78       32.48614  (12043018)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 306
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        402508.88   3781808.78       30.36070  (12043018)               401308.88
3781828.78       32.62035  (12033117)
        401328.88   3781828.78       34.34185  (12033117)               401348.88
3781828.78       36.16172  (12033117)
        401368.88   3781828.78       38.08605  (12033117)               401388.88
3781828.78       40.12282  (12033117)
        401408.88   3781828.78       42.28073  (12033117)               401428.88
3781828.78       44.56486  (12033117)
        401448.88   3781828.78       46.95142  (12033117)               401468.88
3781828.78       49.43373  (12033117)
        401488.88   3781828.78       52.01170  (12033117)               401508.88
3781828.78       54.62410  (12033117)
        401528.88   3781828.78       57.12939  (12033117)               401548.88
3781828.78       59.79380  (12033117)
        401568.88   3781828.78       63.02306  (12033117)               401588.88
3781828.78       67.44655  (12033117)
        401608.88   3781828.78       74.35632  (12033117)               401628.88
3781828.78       81.30109  (12033117)
        401648.88   3781828.78       88.04162  (12033117)               401668.88
3781828.78       95.94085  (12033117)
        401688.88   3781828.78      105.53770  (12033117)               401708.88
3781828.78      117.53905  (12033117)
        401728.88   3781828.78      134.49150  (12033117)               401748.88
3781828.78      151.05583  (12033117)
        401768.88   3781828.78      182.94259  (12033117)               401788.88
3781828.78      243.09361  (12033117)
        402068.88   3781828.78      202.34219  (12071919)               402088.88
3781828.78      163.81622  (12071919)
        402108.88   3781828.78      133.68197  (12071919)               402128.88
3781828.78      112.78596  (12121716)
        402148.88   3781828.78       97.93415  (12121716)               402168.88
3781828.78       88.45614  (12121716)
        402188.88   3781828.78       81.09221  (12121716)               402208.88
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3781828.78       77.66482  (12121716)
        402228.88   3781828.78       76.86407  (12121716)                402248.88
3781828.78       71.38065  (12043018)
        402268.88   3781828.78       66.82879  (12043018)                402288.88
3781828.78       62.49202  (12043018)
        402308.88   3781828.78       58.41992  (12043018)                402328.88
3781828.78       54.69241  (12043018)
        402348.88   3781828.78       51.45609  (12043018)                402368.88
3781828.78       49.21251  (12043018)
        402388.88   3781828.78       45.82782  (12043018)                402408.88
3781828.78       43.04476  (12043018)
        402428.88   3781828.78       40.81564  (12043018)                402448.88
3781828.78       38.43849  (12043018)
        402468.88   3781828.78       36.07653  (12043018)                402488.88
3781828.78       34.06474  (12043018)
        402508.88   3781828.78       32.03608  (12043018)                401308.88
3781848.78       32.84344  (12033117)
        401328.88   3781848.78       34.38685  (12033117)                401348.88
3781848.78       36.00418  (12033117)
        401368.88   3781848.78       37.70097  (12033117)                401388.88
3781848.78       39.48049  (12033117)
        401408.88   3781848.78       41.35139  (12033117)                401428.88
3781848.78       43.31393  (12033117)
        401448.88   3781848.78       45.35902  (12033117)                401468.88
3781848.78       47.53483  (12033117)
        401488.88   3781848.78       49.60515  (12033117)                401508.88
3781848.78       51.92786  (12033117)
        401528.88   3781848.78       54.00655  (12033117)                401548.88
3781848.78       56.02767  (12033117)
        401568.88   3781848.78       59.92074  (12033117)                401588.88
3781848.78       64.80897  (12033117)
        401608.88   3781848.78       69.09856  (12033117)                401628.88
3781848.78       73.64710  (12033117)
        401648.88   3781848.78       78.89500  (12033117)                401668.88
3781848.78       85.56745  (12033117)
        401688.88   3781848.78       94.13002  (12033117)                401708.88
3781848.78      103.49587  (12033117)
        401728.88   3781848.78      115.41355  (12033117)                401748.88
3781848.78      132.53317  (12033117)
        401768.88   3781848.78      162.69988  (12033117)                401788.88
3781848.78      223.81910  (12033117)
        401908.88   3781848.78      190.09315  (12071919)                401928.88
3781848.78      157.12087  (12071919)
        401948.88   3781848.78      145.90151  (12071919)                401968.88
3781848.78      145.30559  (12071919)
        401988.88   3781848.78      149.27672  (12071919)                402008.88
3781848.78      153.12383  (12071919)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402028.88	3781848.78	160.26440	(12071919)	402048.88	3781848.78	166.39382	(12071919)
402068.88	3781848.78	164.12434	(12071919)	402088.88	3781848.78	147.85132	(12071919)
402108.88	3781848.78	133.10952	(12071919)	402128.88	3781848.78	111.00167	(12071919)
402148.88	3781848.78	97.35633	(12071919)	402168.88	3781848.78	84.14123	(12121716)
402188.88	3781848.78	77.92972	(12121716)	402208.88	3781848.78	73.50886	(12121716)
402228.88	3781848.78	73.70082	(12121716)	402248.88	3781848.78	70.57223	(12121716)
402268.88	3781848.78	64.22175	(12121716)	402288.88	3781848.78	59.19893	(12043018)
402308.88	3781848.78	55.78503	(12043018)	402328.88	3781848.78	52.84991	(12043018)
402348.88	3781848.78	50.18836	(12043018)	402368.88	3781848.78	48.13708	(12043018)
402388.88	3781848.78	44.93852	(12043018)	402408.88	3781848.78	42.72147	(12043018)
402428.88	3781848.78	40.81570	(12043018)	402448.88	3781848.78	38.69477	(12043018)
402468.88	3781848.78	36.67227	(12043018)	402488.88	3781848.78	34.80086	(12043018)

402508.88 3781848.78 32.96641 (12043018) 401308.88
3781868.78 32.18233 (12033117)
401328.88 3781868.78 33.50886 (12033117) 401348.88
3781868.78 34.88032 (12033117)
401368.88 3781868.78 36.30575 (12033117) 401388.88
3781868.78 37.78920 (12033117)
401408.88 3781868.78 39.34315 (12033117) 401428.88
3781868.78 40.98914 (12033117)
401448.88 3781868.78 42.65684 (12033117) 401468.88
3781868.78 44.40444 (12033117)
401488.88 3781868.78 45.95511 (12033117) 401508.88
3781868.78 47.55023 (12033117)
401528.88 3781868.78 49.17574 (12033117) 401548.88
3781868.78 50.83321 (12033117)
401568.88 3781868.78 54.13208 (12033117) 401588.88
3781868.78 57.14228 (12033117)
401608.88 3781868.78 60.08552 (12033117) 401628.88
3781868.78 63.57316 (12033117)
401648.88 3781868.78 67.80008 (12033117) 401668.88
3781868.78 72.43683 (12033117)
401688.88 3781868.78 78.13912 (12033117) 401708.88
3781868.78 89.54486 (12033117)
401728.88 3781868.78 95.03649 (12033117) 401748.88
3781868.78 109.15868 (12033117)
401768.88 3781868.78 129.64387 (12033117) 401788.88
3781868.78 179.58134 (12033117)
401888.88 3781868.78 186.00051 (12071919) 401908.88
3781868.78 147.12492 (12071919)
401928.88 3781868.78 130.73535 (12071919) 401948.88
3781868.78 114.18934 (12071919)
401968.88 3781868.78 108.11874 (12071919) 401988.88
3781868.78 108.11657 (12071919)
402008.88 3781868.78 114.05857 (12071919) 402028.88
3781868.78 118.19893 (12071919)
402048.88 3781868.78 123.38644 (12071919) 402068.88
3781868.78 129.04466 (12071919)
402088.88 3781868.78 127.98763 (12071919) 402108.88
3781868.78 120.21075 (12071919)
402128.88 3781868.78 103.49827 (12071919) 402148.88
3781868.78 94.52723 (12071919)
402168.88 3781868.78 85.85354 (12071919) 402188.88
3781868.78 76.97756 (12071919)
402208.88 3781868.78 69.45381 (12121716) 402228.88
3781868.78 69.06271 (12121716)
402248.88 3781868.78 68.43886 (12121716) 402268.88
3781868.78 63.29258 (12121716)
402288.88 3781868.78 58.72379 (12121716) 402308.88
3781868.78 54.41235 (12121716)
402328.88 3781868.78 50.47594 (12121716) 402348.88
3781868.78 47.35132 (12043018)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402488.88	3781868.78	34.79915	(12043018)	402508.88	3781868.78	33.19280	(12043018)
401308.88	3781888.78	30.69614	(12033117)	401328.88	3781888.78	31.75845	(12033117)
401348.88	3781888.78	32.85505	(12033117)	401368.88	3781888.78	33.98566	(12033117)
401388.88	3781888.78	35.15484	(12033117)	401408.88	3781888.78	36.37055	(12033117)
401428.88	3781888.78	37.63076	(12033117)	401448.88	3781888.78	38.93799	(12033117)
401468.88	3781888.78	40.28790	(12033117)	401488.88	3781888.78	41.43306	(12033117)
401508.88	3781888.78	42.71142	(12033117)	401528.88	3781888.78	43.43564	(12033117)
401548.88	3781888.78	44.44606	(12033117)	401568.88			

3781888.78 46.24961 (12033117)
401588.88 3781888.78 47.99293 (12033117) 401608.88
3781888.78 50.04490 (12033117)
401628.88 3781888.78 52.07510 (12033117) 401648.88
3781888.78 54.36029 (12033117)
401668.88 3781888.78 59.01493 (12033117) 401688.88
3781888.78 63.41203 (12033117)
401708.88 3781888.78 67.00475 (12033117) 401728.88
3781888.78 71.14671 (12033117)
401748.88 3781888.78 72.97006 (12033117) 401768.88
3781888.78 76.63614 (15103001)
401788.88 3781888.78 100.59608 (15022217) 401808.88
3781888.78 128.87954 (15022217)
401828.88 3781888.78 152.82180 (15022217) 401848.88
3781888.78 155.11296 (15022217)
401868.88 3781888.78 128.92874 (16020617) 401888.88
3781888.78 123.92758 (16020617)
401908.88 3781888.78 108.35808 (12071919) 401928.88
3781888.78 102.66401 (12071919)
401948.88 3781888.78 92.38460 (12071919) 401968.88
3781888.78 83.81261 (12071919)
401988.88 3781888.78 82.54663 (12071919) 402008.88
3781888.78 87.59649 (12071919)
402028.88 3781888.78 90.46746 (12071919) 402048.88
3781888.78 92.96979 (12071919)
402068.88 3781888.78 98.87617 (12071919) 402088.88
3781888.78 102.54371 (12071919)
402108.88 3781888.78 102.56719 (12071919) 402128.88
3781888.78 98.59722 (12071919)
402148.88 3781888.78 90.34579 (12071919) 402168.88
3781888.78 82.40152 (12071919)
402188.88 3781888.78 76.16455 (12071919) 402208.88
3781888.78 68.90147 (12071919)
402228.88 3781888.78 63.26925 (12071919) 402248.88
3781888.78 64.06044 (12121716)
402268.88 3781888.78 60.15880 (12121716) 402288.88
3781888.78 56.72648 (12121716)
402308.88 3781888.78 53.52834 (12121716) 402328.88
3781888.78 50.50064 (12121716)
402348.88 3781888.78 48.25931 (12121716) 402368.88
3781888.78 46.04214 (12121716)
402388.88 3781888.78 43.18919 (12121716) 402408.88
3781888.78 40.36643 (12121716)
402428.88 3781888.78 38.03917 (12043018) 402448.88
3781888.78 36.63414 (12043018)
402468.88 3781888.78 35.19998 (12043018) 402488.88
3781888.78 33.84761 (12043018)
402508.88 3781888.78 32.52522 (12043018) 401308.88
3781908.78 29.79009 (15090901)
401328.88 3781908.78 30.55878 (15090901) 401348.88

3781908.78   31.28768 (15090901)
        401368.88   3781908.78   31.97562 (15090901)   401388.88
3781908.78   32.81344 (13082905)
        401408.88   3781908.78   33.81244 (13082905)   401428.88
3781908.78   34.65441 (13082905)
        401448.88   3781908.78   35.13104 (13051305)   401468.88
3781908.78   35.14458 (12101501)
        401488.88   3781908.78   35.70321 (12033117)   401508.88
3781908.78   36.25662 (12033117)
        401528.88   3781908.78   36.58401 (12033117)   401548.88
3781908.78   37.24852 (12033117)
        401568.88   3781908.78   38.06961 (12033117)   401588.88
3781908.78   38.54243 (12033117)
        401608.88   3781908.78   40.38424 (13082606)   401628.88
3781908.78   45.15056 (13082606)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        401648.88   3781908.78   50.42668 (13051301)   401668.88
3781908.78   53.65150 (15092022)
        401688.88   3781908.78   56.50572 (15092022)   401708.88
3781908.78   58.70571 (15092022)
        401728.88   3781908.78   62.22752 (12101702)   401748.88
3781908.78   65.75839 (15103001)

401768.88 3781908.78 71.40405 (16092618) 401788.88
3781908.78 88.67260 (15022217)
401808.88 3781908.78 105.34441 (15022217) 401828.88
3781908.78 116.20622 (15022217)
401848.88 3781908.78 107.91471 (15022217) 401868.88
3781908.78 93.83160 (16020617)
401888.88 3781908.78 93.19919 (16020617) 401908.88
3781908.78 84.40373 (16020617)
401928.88 3781908.78 75.03451 (12071919) 401948.88
3781908.78 72.22192 (12071919)
401968.88 3781908.78 68.81473 (12071919) 401988.88
3781908.78 67.50993 (12071919)
402008.88 3781908.78 67.60243 (12071919) 402028.88
3781908.78 69.84653 (12071919)
402048.88 3781908.78 72.77344 (12071919) 402068.88
3781908.78 77.45791 (12071919)
402088.88 3781908.78 81.72626 (12071919) 402108.88
3781908.78 84.77935 (12071919)
402128.88 3781908.78 84.87323 (12071919) 402148.88
3781908.78 83.35456 (12071919)
402168.88 3781908.78 77.06473 (12071919) 402188.88
3781908.78 73.75482 (12071919)
402208.88 3781908.78 67.56115 (12071919) 402228.88
3781908.78 62.80467 (12071919)
402248.88 3781908.78 59.18497 (12071919) 402268.88
3781908.78 55.82094 (12121716)
402288.88 3781908.78 52.97747 (12121716) 402308.88
3781908.78 50.93636 (12121716)
402328.88 3781908.78 48.81449 (12121716) 402348.88
3781908.78 46.99164 (12121716)
402368.88 3781908.78 44.83414 (12121716) 402388.88
3781908.78 42.94722 (12121716)
402408.88 3781908.78 40.68110 (12121716) 402428.88
3781908.78 38.35378 (12121716)
402448.88 3781908.78 36.06895 (12121716) 402468.88
3781908.78 33.80491 (12121716)
402488.88 3781908.78 32.20462 (12043018) 402508.88
3781908.78 31.17847 (12043018)
401308.88 3781928.78 30.04042 (15090901) 401328.88
3781928.78 30.55585 (15090901)
401348.88 3781928.78 31.40068 (13082905) 401368.88
3781928.78 32.22824 (13082905)
401388.88 3781928.78 33.07067 (13082905) 401408.88
3781928.78 34.00295 (13051305)
401428.88 3781928.78 34.65864 (13051305) 401448.88
3781928.78 35.62273 (12101501)
401468.88 3781928.78 35.91366 (12101501) 401488.88
3781928.78 35.67579 (12071903)
401508.88 3781928.78 34.76265 (16102323) 401528.88
3781928.78 35.83327 (16102323)

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        401548.88   3781928.78       35.21674  (12083123)               401568.88
3781928.78       37.47426  (12083123)
        401588.88   3781928.78       40.64313  (12083123)               401608.88
3781928.78       45.16095  (13051301)
        401628.88   3781928.78       47.81117  (13051301)               401648.88
3781928.78       49.68309  (15092022)
        401668.88   3781928.78       51.76043  (15092022)               401688.88
3781928.78       53.04988  (12101702)
        401708.88   3781928.78       56.35261  (12101702)               401728.88
3781928.78       59.65462  (15103001)
        401748.88   3781928.78       63.04504  (15103001)               401768.88
3781928.78       66.99238  (16092618)
        401788.88   3781928.78       76.14993  (15022217)               401808.88
3781928.78       87.48501  (15022217)
        401828.88   3781928.78       92.11947  (15022217)               401848.88
3781928.78       83.28984  (15022217)
        401868.88   3781928.78       72.13685  (16123116)               401888.88
3781928.78       70.39112  (16020617)
        401908.88   3781928.78       68.07093  (16020617)               401928.88
3781928.78       63.69270  (16020617)
        401948.88   3781928.78       59.08764  (16020617)               401968.88
3781928.78       58.25897  (12093020)
        401988.88   3781928.78       57.31685  (12100219)               402008.88
3781928.78       56.20904  (12081219)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 310
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
```

Y-COORD (M)   CONC   (YYMMDDHH)
 -
        402028.88   3781928.78   56.28909 (12071820)   402048.88
3781928.78   58.40938 (12071919)
        402068.88   3781928.78   62.33532 (12071919)   402088.88
3781928.78   65.92718 (12071919)
        402108.88   3781928.78   69.51268 (12071919)   402128.88
3781928.78   71.65096 (12071919)
        402148.88   3781928.78   72.71819 (12071919)   402168.88
3781928.78   71.09810 (12071919)
        402188.88   3781928.78   68.24799 (12071919)   402208.88
3781928.78   63.56721 (12071919)
        402228.88   3781928.78   61.94506 (12071919)   402248.88
3781928.78   58.15884 (12071919)
        402268.88   3781928.78   52.38382 (12071919)   402288.88
3781928.78   48.18415 (12121716)
        402308.88   3781928.78   47.04502 (12121716)   402328.88
3781928.78   45.38329 (12121716)
        402348.88   3781928.78   43.74899 (12121716)   402368.88
3781928.78   41.96155 (12121716)
        402388.88   3781928.78   41.31490 (12121716)   402408.88
3781928.78   39.99389 (12121716)
        402428.88   3781928.78   38.11564 (12121716)   402448.88
3781928.78   36.22890 (12121716)
        402468.88   3781928.78   34.31492 (12121716)   402488.88
3781928.78   32.41471 (12121716)
        402508.88   3781928.78   30.53677 (12121716)   401308.88
3781948.78   29.71309 (13082905)
        401328.88   3781948.78   30.40094 (13082905)   401348.88
3781948.78   31.06549 (13051305)
        401368.88   3781948.78   31.78941 (13051305)   401388.88
3781948.78   32.47843 (13051305)
        401408.88   3781948.78   33.44444 (12101501)   401428.88
3781948.78   34.61177 (12101501)
        401448.88   3781948.78   35.84865 (12101501)   401468.88
3781948.78   36.65195 (12101501)
        401488.88   3781948.78   37.21710 (12071903)   401508.88
3781948.78   35.50742 (15100906)
        401528.88   3781948.78   34.75006 (12083123)   401548.88
3781948.78   38.64906 (12081701)
        401568.88   3781948.78   43.12283 (12081701)   401588.88
3781948.78   43.67021 (13051301)
        401608.88   3781948.78   44.89332 (13051301)   401628.88
3781948.78   46.47715 (15092022)
        401648.88   3781948.78   47.73303 (15092022)   401668.88
3781948.78   49.28510 (15092022)
        401688.88   3781948.78   51.90984 (12101702)   401708.88
3781948.78   55.04476 (13051302)
        401728.88   3781948.78   56.90869 (13051302)   401748.88

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3781948.78       60.87696  (13051302)
        401768.88   3781948.78       64.17759  (16092502)                401788.88
3781948.78       66.43411  (15022217)
        401808.88   3781948.78       74.79540  (15022217)                401828.88
3781948.78       75.66342  (15022217)
        401848.88   3781948.78       67.91866  (15022217)                401868.88
3781948.78       62.30179  (12101623)
        401888.88   3781948.78       60.97086  (13111317)                401908.88
3781948.78       59.12343  (14091721)
        401928.88   3781948.78       57.02432  (16072224)                401948.88
3781948.78       55.89287  (16072224)
        401968.88   3781948.78       55.23191  (12093020)                401988.88
3781948.78       54.40615  (12093020)
        402008.88   3781948.78       54.02650  (12100219)                402028.88
3781948.78       53.34101  (16092519)
        402048.88   3781948.78       52.87492  (16072221)                402068.88
3781948.78       52.53580  (15091120)
        402088.88   3781948.78       53.74170  (12071919)                402108.88
3781948.78       57.15793  (12071919)
        402128.88   3781948.78       59.64531  (12071919)                402148.88
3781948.78       61.39394  (12071919)
        402168.88   3781948.78       63.29699  (12071919)                402188.88
3781948.78       61.88987  (12071919)
        402208.88   3781948.78       60.39013  (12071919)                402228.88
3781948.78       58.68138  (12071919)
        402248.88   3781948.78       55.96954  (12071919)                402268.88
3781948.78       52.45531  (12071919)
        402288.88   3781948.78       47.90366  (12071919)                402308.88
3781948.78       43.59469  (12071919)
        402328.88   3781948.78       41.31555  (12121716)                402348.88
3781948.78       40.40632  (12121716)
        402368.88   3781948.78       39.05134  (12121716)                402388.88
3781948.78       38.63038  (12121716)
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                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
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, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402408.88	3781948.78	38.35293	(12121716)	402428.88	3781948.78	36.98634	(12121716)
402448.88	3781948.78	35.53984	(12121716)	402468.88	3781948.78	34.02276	(12121716)
402488.88	3781948.78	32.44438	(12121716)	402508.88	3781948.78	30.87078	(12121716)
401308.88	3781968.78	32.11792	(15070205)	401328.88	3781968.78	33.14093	(13090623)
401348.88	3781968.78	34.14424	(13090623)	401368.88	3781968.78	35.07143	(13090623)
401388.88	3781968.78	35.85835	(13090623)	401408.88	3781968.78	36.49546	(13090623)
401428.88	3781968.78	37.49630	(13090706)	401448.88	3781968.78	37.15578	(13090706)
401468.88	3781968.78	37.13292	(12071903)	401488.88	3781968.78	38.33223	(13090603)
401508.88	3781968.78	36.60220	(12081701)	401528.88	3781968.78	38.60213	(12081701)
401548.88	3781968.78	41.67552	(12081701)	401568.88	3781968.78	42.28989	(13051301)
401588.88	3781968.78	42.96951	(13051301)	401608.88	3781968.78	44.26691	(15092022)
401628.88	3781968.78	45.56176	(15092022)	401648.88	3781968.78	47.50575	(15092022)
401668.88	3781968.78	48.28560	(12090103)	401688.88	3781968.78	50.88914	(13051302)
401708.88	3781968.78	53.96379	(13051302)	401728.88	3781968.78	57.21921	(13051302)
401748.88	3781968.78	58.94171	(16102304)	401768.88	3781968.78	60.95390	(16092502)
401788.88	3781968.78	61.26941	(12112420)	401808.88	3781968.78	63.27826	(15022217)
401828.88	3781968.78	63.79714	(15022217)	401848.88	3781968.78	58.36341	(12101804)
401868.88	3781968.78	58.03765	(12101623)	401888.88	3781968.78	56.90893	(13111317)
401908.88	3781968.78	55.09840	(14091721)	401928.88	3781968.78	54.56807	(16072224)

401948.88 3781968.78 53.11675 (13092320) 401968.88
3781968.78 52.47204 (12093020)
401988.88 3781968.78 51.78273 (12093020) 402008.88
3781968.78 51.37678 (12100219)
402028.88 3781968.78 51.06972 (12100219) 402048.88
3781968.78 50.60867 (16072221)
402068.88 3781968.78 50.54939 (16072221) 402088.88
3781968.78 49.56373 (15092101)
402108.88 3781968.78 48.47749 (12101619) 402128.88
3781968.78 49.25602 (12071919)
402148.88 3781968.78 51.76524 (12071919) 402168.88
3781968.78 55.15079 (12071919)
402188.88 3781968.78 55.31976 (12071919) 402208.88
3781968.78 55.40035 (12071919)
402228.88 3781968.78 54.39233 (12071919) 402248.88
3781968.78 52.81255 (12071919)
402268.88 3781968.78 50.69906 (12071919) 402288.88
3781968.78 48.13585 (12071919)
402308.88 3781968.78 44.38483 (12071919) 402328.88
3781968.78 40.15408 (12071919)
402348.88 3781968.78 38.46793 (12082821) 402368.88
3781968.78 37.59818 (12082821)
402388.88 3781968.78 36.66451 (13082821) 402408.88
3781968.78 35.87788 (12121716)
402428.88 3781968.78 35.01630 (12121716) 402448.88
3781968.78 34.03128 (12121716)
402468.88 3781968.78 32.94817 (12121716) 402488.88
3781968.78 31.81823 (12121716)
402508.88 3781968.78 30.57466 (12121716) 401308.88
3781988.78 32.49224 (13090623)
401328.88 3781988.78 33.27714 (13090623) 401348.88
3781988.78 33.92426 (13090623)
401368.88 3781988.78 34.39977 (13090623) 401388.88
3781988.78 35.32022 (13090706)
401408.88 3781988.78 36.49228 (13090706) 401428.88
3781988.78 37.26799 (13090706)
401448.88 3781988.78 37.54877 (15090806) 401468.88
3781988.78 39.02549 (13090603)
401488.88 3781988.78 39.17344 (13090603) 401508.88
3781988.78 36.77193 (12081701)
401528.88 3781988.78 40.05587 (12081701) 401548.88
3781988.78 40.64510 (13051301)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401568.88	3781988.78	41.34056	(15062805)	401588.88	3781988.78	42.98799	(15092022)
401608.88	3781988.78	44.66393	(15092022)	401628.88	3781988.78	44.99761	(15092022)
401648.88	3781988.78	45.97693	(12090103)	401668.88	3781988.78	49.23834	(13051302)
401688.88	3781988.78	52.42469	(13051302)	401708.88	3781988.78	55.19585	(14100501)
401728.88	3781988.78	56.38729	(15101402)	401748.88	3781988.78	56.35154	(16092502)
401768.88	3781988.78	57.60282	(15072705)	401788.88	3781988.78	58.20135	(15091906)
401808.88	3781988.78	57.32321	(14091903)	401828.88	3781988.78	55.20521	(16102306)
401848.88	3781988.78	55.51254	(12101804)	401868.88	3781988.78	54.51449	(15120901)
401888.88	3781988.78	53.36989	(13082624)	401908.88	3781988.78	52.95930	(16072224)
401928.88	3781988.78	52.17981	(16072224)	401948.88	3781988.78	50.80610	(13092320)
401968.88	3781988.78	50.12164	(12093020)	401988.88	3781988.78	49.56543	(12093020)
402008.88	3781988.78	48.97590	(12100219)	402028.88	3781988.78	48.88205	(12100219)
402048.88	3781988.78	48.40050	(16092519)	402068.88	3781988.78	48.38774	(16072221)
402088.88	3781988.78	48.06047	(16072221)	402108.88	3781988.78	47.24039	(15090824)
402128.88	3781988.78	45.93747	(12100119)	402148.88			

3781988.78 45.07557 (12092119)
402168.88 3781988.78 47.39297 (12071919) 402188.88
3781988.78 48.67687 (12071919)
402208.88 3781988.78 49.33271 (12071919) 402228.88
3781988.78 49.34781 (12071919)
402248.88 3781988.78 48.69318 (12071919) 402268.88
3781988.78 47.38142 (12071919)
402288.88 3781988.78 45.48025 (12071919) 402308.88
3781988.78 42.60428 (12071919)
402328.88 3781988.78 38.70810 (12082820) 402348.88
3781988.78 37.74926 (12080920)
402368.88 3781988.78 36.80356 (12080920) 402388.88
3781988.78 36.18366 (12082821)
402408.88 3781988.78 32.90599 (12081020) 402428.88
3781988.78 32.42486 (12121716)
402448.88 3781988.78 31.83700 (12121716) 402468.88
3781988.78 31.18418 (12121716)
402488.88 3781988.78 30.40838 (12121716) 402508.88
3781988.78 29.62349 (12080821)
401308.88 3782008.78 32.25484 (13090623) 401328.88
3782008.78 32.69687 (13090623)
401348.88 3782008.78 33.48010 (13090706) 401368.88
3782008.78 34.64312 (13090706)
401388.88 3782008.78 35.63255 (13090706) 401408.88
3782008.78 36.40118 (15090806)
401428.88 3782008.78 37.00681 (13090603) 401448.88
3782008.78 38.12660 (13090603)
401468.88 3782008.78 39.17323 (13090603) 401488.88
3782008.78 38.71383 (12100202)
401508.88 3782008.78 37.63122 (13051301) 401528.88
3782008.78 39.07699 (13051301)
401548.88 3782008.78 40.00511 (15062805) 401568.88
3782008.78 41.64771 (15092022)
401588.88 3782008.78 42.89026 (15092022) 401608.88
3782008.78 43.48295 (15092022)
401628.88 3782008.78 45.31046 (12090103) 401648.88
3782008.78 48.77100 (16062005)
401668.88 3782008.78 51.54870 (13082701) 401688.88
3782008.78 52.86712 (14100501)
401708.88 3782008.78 54.14536 (15101402) 401728.88
3782008.78 54.02586 (12101424)
401748.88 3782008.78 54.46465 (15102324) 401768.88
3782008.78 55.72047 (16081403)
401788.88 3782008.78 55.73276 (14100506) 401808.88
3782008.78 53.91884 (14091502)
401828.88 3782008.78 53.34776 (12101804) 401848.88
3782008.78 52.80942 (12101623)
401868.88 3782008.78 52.98088 (14091422) 401888.88
3782008.78 52.20684 (13082624)
401908.88 3782008.78 51.01597 (16072224) 401928.88

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        401948.88   3782008.78   48.81910 (13092320)   401968.88   3782008.78   48.04380 (12093020)
        401988.88   3782008.78   47.62972 (12093020)   402008.88   3782008.78   47.07376 (12093020)
        402028.88   3782008.78   46.88185 (12100219)   402048.88   3782008.78   46.53825 (12100219)
        402068.88   3782008.78   46.20201 (16072221)   402088.88   3782008.78   46.12977 (16072221)
        402108.88   3782008.78   45.49256 (15092101)   402128.88   3782008.78   44.93415 (15090824)
        402148.88   3782008.78   42.38946 (12101619)   402168.88   3782008.78   40.24540 (12071919)
        402188.88   3782008.78   42.05657 (12071919)   402208.88   3782008.78   43.21845 (12071919)
        402228.88   3782008.78   43.94612 (12071919)   402248.88   3782008.78   44.06218 (12071919)
        402268.88   3782008.78   43.01625 (12071919)   402288.88   3782008.78   41.85236 (12071919)
        402308.88   3782008.78   39.15620 (12071919)   402328.88   3782008.78   37.77947 (12110518)

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        402348.88   3782008.78       37.07135  (12082820)                402368.88
3782008.78       36.10444  (12082820)
        402388.88   3782008.78       35.49680  (12080920)                402408.88
3782008.78       34.31321  (12080920)
        402428.88   3782008.78       33.95153  (12082821)                402448.88
3782008.78       33.23355  (12082821)
        402468.88   3782008.78       31.52458  (12082821)                402488.88
3782008.78       31.78464  (13082821)
        402508.88   3782008.78       31.01507  (13082821)                401308.88
3782028.78       31.77138  (13090706)
        401328.88   3782028.78       32.81518  (13090706)                401348.88
3782028.78       33.76665  (13090706)
        401368.88   3782028.78       34.63816  (13090706)                401388.88
3782028.78       35.48952  (15090806)
        401408.88   3782028.78       36.31770  (13090603)                401428.88
3782028.78       37.08327  (13090603)
        401448.88   3782028.78       37.99233  (12100202)                401468.88
3782028.78       38.85492  (12100202)
        401488.88   3782028.78       38.53196  (15092105)                401508.88
3782028.78       37.32503  (13051301)
        401528.88   3782028.78       38.65478  (13062904)                401548.88
3782028.78       40.02536  (15092022)
        401568.88   3782028.78       40.85856  (15092022)                401588.88
3782028.78       42.97919  (13090403)
        401608.88   3782028.78       45.91579  (16062005)                401628.88
3782028.78       48.36738  (16062005)
        401648.88   3782028.78       49.53244  (13082701)                401668.88
3782028.78       50.09785  (12092323)
        401688.88   3782028.78       51.29188  (15101402)                401708.88
3782028.78       51.87363  (12101424)
        401728.88   3782028.78       52.28247  (15102324)                401748.88
3782028.78       52.82356  (15072705)
        401768.88   3782028.78       54.18764  (15091906)                401788.88
3782028.78       54.20448  (14091502)
        401808.88   3782028.78       53.27119  (14091502)                401828.88
3782028.78       51.89382  (14091503)
        401848.88   3782028.78       51.39278  (14091422)                401868.88
3782028.78       51.06632  (14091422)
        401888.88   3782028.78       50.23958  (13082624)                401908.88
3782028.78       48.86357  (12101803)
        401928.88   3782028.78       48.45506  (16072224)                401948.88
3782028.78       47.44512  (13092320)
        401968.88   3782028.78       46.78147  (12093020)                401988.88
3782028.78       46.42111  (12093020)
        402008.88   3782028.78       45.76475  (12093020)                402028.88
3782028.78       45.20748  (12100219)
        402048.88   3782028.78       44.92347  (12100219)                402068.88
3782028.78       44.45063  (16092519)
        402088.88   3782028.78       44.56842  (16072221)                402108.88
3782028.78       44.35121  (16072221)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402328.88	3782028.78	37.72728	(15091021)	402348.88	3782028.78	36.19937	(12110518)
402368.88	3782028.78	35.42962	(12082820)	402388.88	3782028.78	34.98447	(12082820)
402408.88	3782028.78	34.18281	(12080920)	402428.88	3782028.78	33.56980	(12080920)
402448.88	3782028.78	32.90403	(12082821)	402468.88	3782028.78	32.16679	(12082821)
402488.88	3782028.78	31.47280	(12082821)	402508.88	3782028.78	31.09717	(13082821)
401308.88	3782048.78	32.14287	(13090706)	401328.88			

3782048.78 32.85627 (13090706)
401348.88 3782048.78 33.55551 (15090806) 401368.88
3782048.78 34.17755 (13090603)
401388.88 3782048.78 35.15600 (13090603) 401408.88
3782048.78 35.84550 (13090603)
401428.88 3782048.78 36.69093 (12100202) 401448.88
3782048.78 37.46941 (15092105)
401468.88 3782048.78 38.57683 (15092105) 401488.88
3782048.78 38.30757 (13090605)
401508.88 3782048.78 36.45445 (15092022) 401528.88
3782048.78 38.75148 (13090506)
401548.88 3782048.78 39.93435 (13090506) 401568.88
3782048.78 41.96938 (13090403)
401588.88 3782048.78 43.40049 (16062005) 401608.88
3782048.78 46.19205 (16062005)
401628.88 3782048.78 46.97699 (13082701) 401648.88
3782048.78 47.62780 (12092323)
401668.88 3782048.78 48.60472 (15101402) 401688.88
3782048.78 49.32358 (12101424)
401708.88 3782048.78 50.48598 (12101424) 401728.88
3782048.78 50.61861 (15102324)
401748.88 3782048.78 51.97857 (16081403) 401768.88
3782048.78 51.75821 (14100506)
401788.88 3782048.78 52.11179 (14091502) 401808.88
3782048.78 51.00760 (14091502)
401828.88 3782048.78 50.58065 (14091503) 401848.88
3782048.78 50.63598 (14091422)
401868.88 3782048.78 49.84118 (13090402) 401888.88
3782048.78 49.23381 (13082624)
401908.88 3782048.78 47.61328 (12101803) 401928.88
3782048.78 47.01450 (16072224)
401948.88 3782048.78 46.26496 (13092320) 401968.88
3782048.78 45.54930 (16062102)
401988.88 3782048.78 45.27944 (12093020) 402008.88
3782048.78 44.65415 (12093020)
402028.88 3782048.78 43.70455 (12093020) 402048.88
3782048.78 43.52033 (12100219)
402068.88 3782048.78 42.91961 (12100219) 402088.88
3782048.78 42.69243 (12080622)
402108.88 3782048.78 42.83311 (16072221) 402128.88
3782048.78 42.33689 (15092101)
402148.88 3782048.78 39.85819 (15091120) 402168.88
3782048.78 37.27388 (12101619)
402188.88 3782048.78 39.08197 (12093019) 402208.88
3782048.78 40.07359 (13090524)
402228.88 3782048.78 37.76420 (13090524) 402248.88
3782048.78 36.81465 (12091519)
402268.88 3782048.78 37.68188 (12080922) 402288.88
3782048.78 37.46221 (13082901)
402308.88 3782048.78 38.09058 (12081723) 402328.88

3782048.78 37.35308 (14091424)
  402348.88 3782048.78 36.31223 (14091424) 402368.88
3782048.78 35.51244 (15091021)
  402388.88 3782048.78 34.11868 (12110518) 402408.88
3782048.78 33.61231 (12082820)
  402428.88 3782048.78 32.99111 (12082820) 402448.88
3782048.78 32.23291 (12080920)
  402468.88 3782048.78 31.71838 (12081621) 402488.88
3782048.78 31.17172 (12082821)
  402508.88 3782048.78 30.48733 (12082821) 401308.88
3782068.78 31.81042 (15090806)
  401328.88 3782068.78 32.36442 (15090806) 401348.88
3782068.78 33.17031 (13090603)
  401368.88 3782068.78 33.90764 (13090603) 401388.88
3782068.78 34.53336 (12100202)
  401408.88 3782068.78 35.37777 (12100202) 401428.88
3782068.78 36.19954 (15092105)
  401448.88 3782068.78 37.10138 (15092105) 401468.88
3782068.78 37.93743 (13090605)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
  L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
  L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
  L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401488.88	3782068.78	37.97453	(13062904)	401508.88	3782068.78	39.25369	(13090506)

401528.88 3782068.78 40.26588 (13090506) 401548.88
3782068.78 40.60614 (13090403)
401568.88 3782068.78 42.26706 (16062005) 401588.88
3782068.78 43.49461 (16062005)
401608.88 3782068.78 44.62736 (13082701) 401628.88
3782068.78 45.28598 (12092323)
401648.88 3782068.78 46.15663 (14100501) 401668.88
3782068.78 47.04652 (13082602)
401688.88 3782068.78 47.84103 (12101424) 401708.88
3782068.78 48.53263 (15102324)
401728.88 3782068.78 49.53098 (15072705) 401748.88
3782068.78 49.75047 (15091906)
401768.88 3782068.78 49.64287 (14100506) 401788.88
3782068.78 50.18663 (14091502)
401808.88 3782068.78 50.53403 (16072404) 401828.88
3782068.78 49.33118 (15091302)
401848.88 3782068.78 51.39961 (14091422) 401868.88
3782068.78 50.10255 (13090402)
401888.88 3782068.78 48.94992 (13082624) 401908.88
3782068.78 48.22139 (16072224)
401928.88 3782068.78 47.94886 (16072224) 401948.88
3782068.78 46.84265 (13092320)
401968.88 3782068.78 45.48764 (16062102) 401988.88
3782068.78 44.36333 (12093020)
402008.88 3782068.78 43.28497 (12093020) 402028.88
3782068.78 42.34402 (12093020)
402048.88 3782068.78 41.83842 (12100219) 402068.88
3782068.78 41.52741 (12100219)
402088.88 3782068.78 41.05502 (12080622) 402108.88
3782068.78 41.26096 (16072221)
402128.88 3782068.78 41.15308 (16072221) 402148.88
3782068.78 38.90986 (15091120)
402168.88 3782068.78 37.22649 (15091120) 402188.88
3782068.78 39.83606 (12100119)
402208.88 3782068.78 39.45503 (12100119) 402228.88
3782068.78 38.49558 (13090524)
402248.88 3782068.78 37.91246 (13090524) 402268.88
3782068.78 37.31847 (12080922)
402288.88 3782068.78 36.32627 (15080505) 402308.88
3782068.78 37.47688 (13082901)
402328.88 3782068.78 38.39524 (12081723) 402348.88
3782068.78 37.93769 (12091820)
402368.88 3782068.78 37.20655 (14091424) 402388.88
3782068.78 35.50747 (15091021)
402408.88 3782068.78 33.02615 (12110518) 402428.88
3782068.78 32.13143 (12082820)
402448.88 3782068.78 31.55823 (12082820) 402468.88
3782068.78 31.30554 (12080920)
402488.88 3782068.78 30.83948 (12080920) 402508.88
3782068.78 29.84047 (12082821)

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        401308.88   3782088.78       31.39766  (13090603)                401328.88
3782088.78       32.12728  (13090603)
        401348.88   3782088.78       32.63273  (13090603)                401368.88
3782088.78       33.39596  (12100202)
        401388.88   3782088.78       33.99214  (12100202)                401408.88
3782088.78       34.92665  (15092105)
        401428.88   3782088.78       35.60951  (15092105)                401448.88
3782088.78       36.58147  (13090605)
        401468.88   3782088.78       37.22820  (13062904)                401488.88
3782088.78       37.84978  (13090506)
        401508.88   3782088.78       38.60792  (13090506)                401528.88
3782088.78       39.61882  (13090403)
        401548.88   3782088.78       40.38461  (16062005)                401568.88
3782088.78       41.74726  (16062005)
        401588.88   3782088.78       42.39527  (13082701)                401608.88
3782088.78       43.32479  (12092323)
        401628.88   3782088.78       44.12029  (14100501)                401648.88
3782088.78       44.85275  (15101402)
        401668.88   3782088.78       45.68526  (12101424)                401688.88
3782088.78       46.36923  (15102324)
        401708.88   3782088.78       47.43194  (15102324)                401728.88
3782088.78       49.59420  (16081403)
        401748.88   3782088.78       47.89943  (15091906)                401768.88
3782088.78       47.02248  (15080504)
        401788.88   3782088.78       48.08194  (14091502)                401808.88
3782088.78       50.49011  (14091503)
        401828.88   3782088.78       49.86979  (14091422)                401848.88
3782088.78       51.29201  (14091422)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 316
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401868.88	3782088.78	51.15999	(13082624)	401888.88	3782088.78	49.18961	(13082624)
401908.88	3782088.78	49.71385	(16072224)	401928.88	3782088.78	49.03655	(16072224)
401948.88	3782088.78	47.35660	(13092320)	401968.88	3782088.78	44.75628	(14072805)
401988.88	3782088.78	42.66069	(12093020)	402008.88	3782088.78	42.36519	(12093020)
402028.88	3782088.78	41.91147	(12093020)	402048.88	3782088.78	40.60404	(12100219)
402068.88	3782088.78	40.40068	(12100219)	402088.88	3782088.78	39.73339	(16092519)
402108.88	3782088.78	39.67925	(12080622)	402128.88	3782088.78	39.72146	(16072221)
402148.88	3782088.78	39.34986	(16072221)	402168.88	3782088.78	37.06158	(15091120)
402188.88	3782088.78	38.00968	(15090824)	402208.88	3782088.78	39.16573	(12100119)
402228.88	3782088.78	39.48122	(12100119)	402248.88	3782088.78	37.18541	(13090524)
402268.88	3782088.78	36.33326	(13090524)	402288.88	3782088.78	35.86819	(12080922)
402308.88	3782088.78	36.55756	(15080505)	402328.88	3782088.78	38.61139	(13082901)
402348.88	3782088.78	39.16348	(12081723)	402368.88	3782088.78	37.99276	(12091820)
402388.88	3782088.78	36.63620	(14091424)	402408.88	3782088.78	34.22301	(15091021)
402428.88	3782088.78	31.62352	(12110518)	402448.88	3782088.78	30.87412	(12110518)
402468.88	3782088.78	30.98505	(12082820)	402488.88	3782088.78	30.04827	(12082820)
402508.88	3782088.78	29.53451	(12080920)	401308.88	3782108.78	31.03414	(13090603)
401328.88	3782108.78	31.59804	(12100202)	401348.88	3782108.78	32.26341	(12100202)
401368.88	3782108.78	32.88427	(15092105)	401388.88	3782108.78	33.67053	(15092105)
401408.88	3782108.78	34.30111	(13090605)	401428.88	3782108.78	35.27867	(13090605)
401448.88	3782108.78	36.15779	(13062904)	401468.88	3782108.78	36.73081	(13090506)
401488.88	3782108.78	37.31076	(15092402)	401508.88			

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3782108.78       38.30851  (13090403)
        401528.88   3782108.78       39.11019  (12081803)               401548.88
3782108.78       40.27514  (16062005)
        401568.88   3782108.78       41.22103  (13082701)               401588.88
3782108.78       42.05873  (12092323)
        401608.88   3782108.78       42.72596  (14100501)               401628.88
3782108.78       43.77598  (15101402)
        401648.88   3782108.78       44.68510  (12101424)               401668.88
3782108.78       45.42409  (15093002)
        401688.88   3782108.78       47.25038  (15102324)               401708.88
3782108.78       49.17042  (15072705)
        401728.88   3782108.78       50.35500  (15091906)               401748.88
3782108.78       48.63303  (14100506)
        401768.88   3782108.78       47.78750  (14091502)               401788.88
3782108.78       46.45449  (14091502)
        401808.88   3782108.78       50.52277  (14091503)               401828.88
3782108.78       51.85152  (14091422)
        401848.88   3782108.78       51.34595  (14091422)               401868.88
3782108.78       51.47617  (13082624)
        401888.88   3782108.78       49.36081  (12090223)               401908.88
3782108.78       49.54966  (16072224)
        401928.88   3782108.78       48.64694  (16072224)               401948.88
3782108.78       46.44606  (13092320)
        401968.88   3782108.78       43.52483  (13092320)               401988.88
3782108.78       41.52309  (16062102)
        402008.88   3782108.78       42.77145  (12093020)               402028.88
3782108.78       41.67142  (12093020)
        402048.88   3782108.78       39.60326  (12090501)               402068.88
3782108.78       39.32396  (12100219)
        402088.88   3782108.78       38.96025  (12100219)               402108.88
3782108.78       38.42008  (15043024)
        402128.88   3782108.78       38.31314  (16072221)               402148.88
3782108.78       38.22856  (16072221)
        402168.88   3782108.78       37.85184  (15092101)               402188.88
3782108.78       35.33120  (12082121)
        402208.88   3782108.78       36.95185  (15090824)               402228.88
3782108.78       39.89212  (12100119)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 317
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  EQUIP    ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
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, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        402248.88   3782108.78       38.81519  (13062822)               402268.88
3782108.78       37.90561  (13090524)
        402288.88   3782108.78       37.10701  (13090524)               402308.88
3782108.78       37.42704  (12080922)
        402328.88   3782108.78       37.39698  (15080505)               402348.88
3782108.78       38.61069  (13082901)
        402368.88   3782108.78       38.31819  (12081723)               402388.88
3782108.78       36.79283  (12091820)
        402408.88   3782108.78       34.95661  (14091424)               402428.88
3782108.78       32.20951  (14091424)
        402448.88   3782108.78       30.71220  (15091021)               402468.88
3782108.78       29.90453  (12110518)
        402488.88   3782108.78       30.01841  (12082820)               402508.88
3782108.78       30.29203  (12082820)
        401308.88   3782128.78       30.62817  (12100202)               401328.88
3782128.78       31.08966  (12100202)
        401348.88   3782128.78       31.85884  (15092105)               401368.88
3782128.78       32.42200  (15092105)
        401388.88   3782128.78       33.15076  (13090605)               401408.88
3782128.78       33.91171  (13090605)
        401428.88   3782128.78       34.70895  (16092906)               401448.88
3782128.78       36.13070  (13090506)
        401468.88   3782128.78       36.45098  (15092402)               401488.88
3782128.78       37.29713  (13090403)
        401508.88   3782128.78       38.60134  (12081803)               401528.88
3782128.78       39.15328  (16062005)
        401548.88   3782128.78       40.95542  (13082701)               401568.88
3782128.78       42.66678  (12092323)
        401588.88   3782128.78       43.02632  (12092824)               401608.88
3782128.78       44.29066  (15101402)
        401628.88   3782128.78       44.73140  (13082602)               401648.88
3782128.78       44.88364  (12101424)
        401668.88   3782128.78       46.33395  (15102324)               401688.88
3782128.78       48.34813  (12111623)
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        401708.88   3782128.78       49.77179  (16081403)               401728.88
3782128.78       50.78622  (15091906)
        401748.88   3782128.78       48.80137  (15080504)               401768.88
3782128.78       47.48051  (14091502)
        401788.88   3782128.78       45.39850  (12100206)               401808.88
3782128.78       49.19225  (14091503)
        401828.88   3782128.78       51.58500  (14091422)               401848.88
3782128.78       50.82445  (13090402)
        401868.88   3782128.78       50.62532  (13082624)               401888.88
3782128.78       49.13153  (12090223)
        401908.88   3782128.78       48.55980  (16072224)               401928.88
3782128.78       47.27660  (16072224)
        401948.88   3782128.78       45.00423  (13092320)               401968.88
3782128.78       41.95060  (13092320)
        401988.88   3782128.78       41.35353  (16062102)               402008.88
3782128.78       42.50159  (12093020)
        402028.88   3782128.78       41.41773  (12093020)               402048.88
3782128.78       39.34115  (12093020)
        402068.88   3782128.78       38.23099  (12100219)               402088.88
3782128.78       38.28906  (12100219)
        402108.88   3782128.78       37.61567  (15043024)               402128.88
3782128.78       37.22176  (12080622)
        402148.88   3782128.78       37.14312  (16072221)               402168.88
3782128.78       36.82296  (16072221)
        402188.88   3782128.78       35.35334  (15092101)               402208.88
3782128.78       36.16515  (15090824)
        402228.88   3782128.78       38.54431  (12100119)               402248.88
3782128.78       39.73344  (12100119)
        402268.88   3782128.78       38.59226  (13062822)               402288.88
3782128.78       38.47773  (13090524)
        402308.88   3782128.78       38.06624  (12080922)               402328.88
3782128.78       38.04702  (12080922)
        402348.88   3782128.78       37.70443  (15080505)               402368.88
3782128.78       37.67219  (13082901)
        402388.88   3782128.78       36.52319  (12081723)               402408.88
3782128.78       34.54825  (12081723)
        402428.88   3782128.78       31.99931  (14091424)               402448.88
3782128.78       30.31736  (14091424)
        402468.88   3782128.78       30.18462  (15091021)               402488.88
3782128.78       31.49515  (12110518)
        402508.88   3782128.78       31.58683  (12082820)               401308.88
3782148.78       30.03316  (15092105)
        401328.88   3782148.78       30.79227  (15092105)               401348.88
3782148.78       31.18812  (15092105)
        401368.88   3782148.78       32.02439  (13090605)               401388.88
3782148.78       32.68652  (13062904)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401408.88	3782148.78	33.51843	(16092906)	401428.88	3782148.78	34.84926	(13090506)
401448.88	3782148.78	36.06465	(15092402)	401468.88	3782148.78	37.15677	(13090403)
401488.88	3782148.78	39.95789	(12081803)	401508.88	3782148.78	41.25530	(16062005)
401528.88	3782148.78	41.17876	(13082701)	401548.88	3782148.78	42.89227	(12092323)
401568.88	3782148.78	44.41097	(15080404)	401588.88	3782148.78	44.86305	(14100501)
401608.88	3782148.78	45.73323	(12081906)	401628.88	3782148.78	46.17486	(12101424)
401648.88	3782148.78	45.92019	(15102324)	401668.88	3782148.78	46.41513	(15102324)
401688.88	3782148.78	49.25543	(15072705)	401708.88	3782148.78	49.96298	(15091906)
401728.88	3782148.78	50.30898	(14100506)	401748.88	3782148.78	48.91994	(14091502)
401768.88	3782148.78	47.91996	(14091502)	401788.88	3782148.78	45.73453	(12100206)
401808.88	3782148.78	48.37452	(15091302)	401828.88	3782148.78	49.99483	(14091422)
401848.88	3782148.78	49.79095	(13090402)	401868.88	3782148.78	49.35661	(13082624)
401888.88	3782148.78	48.07079	(12090223)	401908.88			

3782148.78 46.92045 (12101803)
401928.88 3782148.78 45.32664 (16072224) 401948.88
3782148.78 42.83113 (16072224)
401968.88 3782148.78 41.32457 (13092320) 401988.88
3782148.78 41.87450 (16062102)
402008.88 3782148.78 42.10709 (12093020) 402028.88
3782148.78 41.19822 (12093020)
402048.88 3782148.78 39.22547 (12093020) 402068.88
3782148.78 38.04817 (12090501)
402088.88 3782148.78 37.60008 (12100219) 402108.88
3782148.78 37.01621 (12100219)
402128.88 3782148.78 36.33135 (15043024) 402148.88
3782148.78 36.12357 (12080622)
402168.88 3782148.78 35.85342 (16072221) 402188.88
3782148.78 35.34236 (15092101)
402208.88 3782148.78 34.88159 (15090824) 402228.88
3782148.78 37.73096 (15090824)
402248.88 3782148.78 38.98387 (12100119) 402268.88
3782148.78 39.02161 (12100119)
402288.88 3782148.78 38.36932 (13031319) 402308.88
3782148.78 38.52773 (13090524)
402328.88 3782148.78 38.06441 (12080922) 402348.88
3782148.78 37.68377 (12080922)
402368.88 3782148.78 36.68461 (15101321) 402388.88
3782148.78 35.63584 (13082901)
402408.88 3782148.78 34.18044 (12081723) 402428.88
3782148.78 32.73924 (12081723)
402448.88 3782148.78 29.76417 (14091424) 402468.88
3782148.78 29.78670 (14091424)
402488.88 3782148.78 31.54126 (15091021) 402508.88
3782148.78 32.03712 (12110518)
401308.88 3782168.78 29.71868 (15092105) 401328.88
3782168.78 30.25177 (13090605)
401348.88 3782168.78 31.14645 (13090605) 401368.88
3782168.78 31.77805 (13062904)
401388.88 3782168.78 32.42737 (13090506) 401408.88
3782168.78 33.32024 (13090506)
401428.88 3782168.78 34.33475 (15092402) 401448.88
3782168.78 35.09987 (13090403)
401468.88 3782168.78 35.72126 (12081803) 401488.88
3782168.78 39.59343 (16062005)
401508.88 3782168.78 42.02883 (13082701) 401528.88
3782168.78 42.68397 (12092323)
401548.88 3782168.78 43.61899 (15080404) 401568.88
3782168.78 45.38056 (14100501)
401588.88 3782168.78 45.80055 (15101402) 401608.88
3782168.78 46.46526 (12101424)
401628.88 3782168.78 46.76543 (15093002) 401648.88
3782168.78 46.97466 (15102324)
401668.88 3782168.78 46.57315 (12111623) 401688.88

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401788.88	3782168.78	45.34619	(14091503)	401808.88	3782168.78	47.13990	(15091302)
401828.88	3782168.78	48.47450	(14091422)	401848.88	3782168.78	48.21691	(13090402)
401868.88	3782168.78	47.76229	(13082624)	401888.88	3782168.78	46.38804	(12090223)
401908.88	3782168.78	45.26012	(12101803)	401928.88	3782168.78	43.47020	(16072224)
401948.88	3782168.78	41.00740	(16072224)	401968.88	3782168.78	41.35816	(13092320)
401988.88	3782168.78	41.64067	(16062102)	402008.88	3782168.78	41.47339	(12093020)
402028.88	3782168.78	40.53505	(12093020)	402048.88	3782168.78	39.55477	(12093020)
402068.88	3782168.78	38.36549	(12090501)	402088.88	3782168.78	36.89649	(12100219)

402108.88 3782168.78 36.64637 (12100219) 402128.88
3782168.78 35.84446 (15043024)
402148.88 3782168.78 34.84236 (12080622) 402168.88
3782168.78 35.21328 (16072221)
402188.88 3782168.78 34.98124 (16072221) 402208.88
3782168.78 34.09743 (15092101)
402228.88 3782168.78 35.89764 (15090824) 402248.88
3782168.78 37.18768 (15090824)
402268.88 3782168.78 37.86923 (12100119) 402288.88
3782168.78 37.89461 (12100119)
402308.88 3782168.78 37.54659 (13031319) 402328.88
3782168.78 37.56428 (13090524)
402348.88 3782168.78 37.07454 (12080922) 402368.88
3782168.78 36.33967 (12080922)
402388.88 3782168.78 34.97659 (13052822) 402408.88
3782168.78 34.24770 (13082901)
402428.88 3782168.78 32.40989 (12081723) 402448.88
3782168.78 29.62447 (12081723)
402468.88 3782168.78 28.85282 (12091820) 402488.88
3782168.78 30.92286 (14091424)
402508.88 3782168.78 31.74443 (15091021) 401308.88
3782188.78 29.33530 (13090605)
401328.88 3782188.78 30.57967 (13090605) 401348.88
3782188.78 31.00013 (16092906)
401368.88 3782188.78 32.55830 (13090506) 401388.88
3782188.78 33.11324 (13090506)
401408.88 3782188.78 33.52327 (15092402) 401428.88
3782188.78 34.56306 (13090403)
401448.88 3782188.78 34.86535 (12081803) 401468.88
3782188.78 35.50732 (16062005)
401488.88 3782188.78 37.09023 (13082701) 401508.88
3782188.78 40.82315 (12092323)
401528.88 3782188.78 43.02161 (12092323) 401548.88
3782188.78 44.00705 (14100501)
401568.88 3782188.78 45.44343 (15101402) 401588.88
3782188.78 45.65599 (12081906)
401608.88 3782188.78 46.35194 (12101424) 401628.88
3782188.78 46.85913 (15102324)
401648.88 3782188.78 46.91754 (16042224) 401668.88
3782188.78 47.02334 (15072705)
401688.88 3782188.78 47.76729 (16081403) 401708.88
3782188.78 48.25926 (14100506)
401728.88 3782188.78 47.81847 (15080504) 401748.88
3782188.78 47.68811 (14091502)
401768.88 3782188.78 46.39283 (12100206) 401788.88
3782188.78 45.15269 (14091503)
401808.88 3782188.78 45.78695 (12090123) 401828.88
3782188.78 46.98338 (14091422)
401848.88 3782188.78 46.55962 (13090402) 401868.88
3782188.78 46.10685 (13082624)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402168.88	3782188.78	34.19056	(12080622)	402188.88	3782188.78	33.90755	(16072221)
402208.88	3782188.78	33.32967	(15092101)	402228.88	3782188.78	34.21878	(12080921)
402248.88	3782188.78	35.33420	(15090824)	402268.88	3782188.78	35.87411	(15090824)
402288.88	3782188.78	36.44032	(12100119)	402308.88			

3782188.78 36.51588 (13062822)
402328.88 3782188.78 36.37292 (13031319) 402348.88
3782188.78 36.40940 (13090524)
402368.88 3782188.78 35.79089 (12080922) 402388.88
3782188.78 34.93452 (12080922)
402408.88 3782188.78 33.58278 (13052822) 402428.88
3782188.78 31.83582 (13082901)
402448.88 3782188.78 30.01795 (13082901) 402468.88
3782188.78 28.85459 (12081723)
402488.88 3782188.78 30.49910 (12091820) 402508.88
3782188.78 31.26996 (14091424)
401308.88 3782208.78 29.49001 (13062904) 401328.88
3782208.78 30.45790 (16092906)
401348.88 3782208.78 32.05288 (13090506) 401368.88
3782208.78 33.02103 (13090506)
401388.88 3782208.78 34.31886 (15092402) 401408.88
3782208.78 35.30259 (13090403)
401428.88 3782208.78 35.69586 (12081803) 401448.88
3782208.78 36.73488 (16062005)
401468.88 3782208.78 36.91386 (13082701) 401488.88
3782208.78 36.32620 (12092323)
401508.88 3782208.78 39.01461 (12092323) 401528.88
3782208.78 41.85306 (12092824)
401548.88 3782208.78 43.75546 (15101402) 401568.88
3782208.78 44.65602 (12081906)
401588.88 3782208.78 45.16123 (12101424) 401608.88
3782208.78 45.42127 (15093002)
401628.88 3782208.78 45.85505 (15102324) 401648.88
3782208.78 45.98816 (12111623)
401668.88 3782208.78 46.19193 (16081403) 401688.88
3782208.78 46.65527 (15091906)
401708.88 3782208.78 46.82782 (14100506) 401728.88
3782208.78 46.79285 (14091502)
401748.88 3782208.78 46.14862 (13082524) 401768.88
3782208.78 45.09189 (12100206)
401788.88 3782208.78 44.35474 (14091503) 401808.88
3782208.78 44.81991 (12091605)
401828.88 3782208.78 45.52147 (14091422) 401848.88
3782208.78 45.07884 (13090402)
401868.88 3782208.78 44.59284 (13082624) 401888.88
3782208.78 43.36121 (12090223)
401908.88 3782208.78 42.53099 (12101803) 401928.88
3782208.78 41.06498 (16072224)
401948.88 3782208.78 39.64193 (16072224) 401968.88
3782208.78 40.00673 (13092320)
401988.88 3782208.78 39.91191 (14072805) 402008.88
3782208.78 39.63777 (16062102)
402028.88 3782208.78 39.16300 (12093020) 402048.88
3782208.78 38.20876 (12093020)
402068.88 3782208.78 36.56768 (12093020) 402088.88

3782208.78   36.33076 (12090501)
        402108.88   3782208.78   36.41516 (12100219)   402128.88
3782208.78   34.58297 (12100219)
        402148.88   3782208.78   33.15051 (15043024)   402168.88
3782208.78   32.76663 (12080622)
        402188.88   3782208.78   33.21986 (16072221)   402208.88
3782208.78   32.69204 (16072221)
        402228.88   3782208.78   32.87473 (15092101)   402248.88
3782208.78   33.55548 (12080921)
        402268.88   3782208.78   34.92100 (15090824)   402288.88
3782208.78   35.43353 (12100119)
        402308.88   3782208.78   35.91132 (12100119)   402328.88
3782208.78   35.61060 (13062822)
        402348.88   3782208.78   35.37006 (13031319)   402368.88
3782208.78   35.18042 (13090524)
        402388.88   3782208.78   34.36959 (12080922)   402408.88
3782208.78   33.24894 (12080922)
        402428.88   3782208.78   31.81145 (13052822)   402448.88
3782208.78   29.80112 (15080505)
        402468.88   3782208.78   28.39592 (13082901)   402488.88
3782208.78   29.86324 (12081723)
        402508.88   3782208.78   30.44783 (12091820)   402116.08
3781609.34   158.38125 (12031616)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EQUIP   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)

- -
402111.58   3781631.84   204.15386 (12031616)   402072.78
3781724.63   266.97414 (12043018)
402058.72   3781776.93   267.85224 (12121716)   402061.53
3781812.92   248.97805 (12121716)
402065.47   3781834.86   196.96152 (12071919)   401913.06
3781829.79   243.80647 (12071919)
401870.32   3781887.16   133.38484 (16020617)   401788.78
3781884.91   105.01963 (15022217)
401791.03   3781611.59   122.86372 (12111715)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
INCLUDING SOURCE(S):   L0000894   , L0000895   , L0000896   , L0000897   , L0000898   ,
L0000899   , L0000900   , L0000901   , L0000902   , L0000903   , L0000904   , L0000905   , L0000906   ,
L0000907   , L0000908   , L0000909   , L0000910   , L0000911   , L0000912   , L0000913   , L0000914   ,
L0000915   , L0000916   , L0000917   , L0000918   , L0000919   , L0000920   , L0000921   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
- -
399067.96   3778941.97   0.49170 (15090920)   399349.76
3778941.97   0.47668 (15090920)
399631.56   3778941.97   0.43207 (15090920)   399913.36
3778941.97   0.48202 (15100904)
400195.16   3778941.97   0.46729 (15100904)   400476.96
3778941.97   0.52520 (16093007)
400758.76   3778941.97   0.59835 (16093007)   401040.56
3778941.97   0.68796 (16093007)
401322.36   3778941.97   0.79882 (16093007)   401604.16

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3778941.97        0.93932  (16093007)
        401885.96   3778941.97        1.12428  (16093007)                402167.76
3778941.97        1.52763  (12111715)
        402449.56   3778941.97        2.72465  (12111715)                402731.36
3778941.97        3.87944  (12021515)
        403013.16   3778941.97        3.92901  (12101116)                403294.96
3778941.97        3.03183  (12042618)
        403576.76   3778941.97        1.83091  (12042618)                403858.56
3778941.97        1.35325  (12120216)
        404140.36   3778941.97        0.93899  (16093007)                404422.16
3778941.97        0.80297  (12031616)
        404703.96   3778941.97        0.73880  (12031616)                399067.96
3779205.53        0.60069  (14080223)
        399349.76   3779205.53        0.56314  (15090920)                399631.56
3779205.53        0.52921  (15090920)
        399913.36   3779205.53        0.61046  (15090920)                400195.16
3779205.53        0.63337  (15090920)
        400476.96   3779205.53        0.62275  (15090920)                400758.76
3779205.53        0.65207  (16093007)
        401040.56   3779205.53        0.75919  (16093007)                401322.36
3779205.53        1.02524  (15090920)
        401604.16   3779205.53        1.08725  (16093007)                401885.96
3779205.53        1.35172  (16093007)
        402167.76   3779205.53        1.76428  (16093007)                402449.56
3779205.53        2.71141  (12111715)
        402731.36   3779205.53        7.41074  (12021515)                403013.16
3779205.53        7.99281  (12042618)
        403294.96   3779205.53        3.25509  (12042618)                403576.76
3779205.53        2.08914  (12031616)
        403858.56   3779205.53        1.55380  (12031616)                404140.36
3779205.53        1.17408  (12031616)
        404422.16   3779205.53        0.92905  (12031616)                404703.96
3779205.53        0.78847  (12031616)
        399067.96   3779469.09        0.73542  (15090805)                399349.76
3779469.09        0.65103  (14102423)
        399631.56   3779469.09        0.62080  (16092404)                399913.36
3779469.09        0.74126  (16092404)
        400195.16   3779469.09        0.77133  (16092404)                400476.96
3779469.09        0.77122  (16092404)
        400758.76   3779469.09        0.79091  (13051303)                401040.56
3779469.09        1.11836  (16092404)
        401322.36   3779469.09        1.21837  (16092404)                401604.16
3779469.09        1.33541  (13051303)
        401885.96   3779469.09        1.77110  (13051303)                402167.76
3779469.09        2.18545  (16093007)
        402449.56   3779469.09        3.46511  (16093007)                402731.36
3779469.09       11.16390  (12033117)
        403013.16   3779469.09       14.62634  (12120116)                403294.96
3779469.09        4.48353  (12120116)
        403576.76   3779469.09        2.55943  (12120116)                403858.56
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3779469.09   1.75393 (12120116)
        404140.36   3779469.09   1.31024 (12120116)   404422.16
3779469.09   1.02880 (12120116)
        404703.96   3779469.09   0.84113 (12120116)   399067.96
3779732.65   0.85281 (14091606)
        399349.76   3779732.65   0.80147 (12092324)   399631.56
3779732.65   0.80238 (16092003)
        399913.36   3779732.65   0.91142 (16092003)   400195.16
3779732.65   0.93958 (15063020)
        400476.96   3779732.65   0.94070 (15063020)   400758.76
3779732.65   1.64620 (16092003)
        401040.56   3779732.65   1.73927 (15063020)   401322.36
3779732.65   1.82742 (16062001)
        401604.16   3779732.65   2.18676 (13090705)   401885.96
3779732.65   2.81927 (12091404)
        402167.76   3779732.65   3.63597 (15090901)   402449.56
3779732.65   5.10345 (12071903)
        402731.36   3779732.65   10.39171 (12033117)   403013.16
3779732.65   17.67196 (12071919)
        403294.96   3779732.65   5.09241 (16093007)   403576.76
3779732.65   2.86819 (16093007)

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
INCLUDING SOURCE(S):   L0000894   , L0000895   , L0000896   , L0000897   , L0000898   ,
L0000899   , L0000900   , L0000901   , L0000902   , L0000903   , L0000904   , L0000905   , L0000906   ,
L0000907   , L0000908   , L0000909   , L0000910   , L0000911   , L0000912   , L0000913   , L0000914   ,
L0000915   , L0000916   , L0000917   , L0000918   , L0000919   , L0000920   , L0000921   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
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        403858.56   3779732.65        1.93354  (16093007)               404140.36
3779732.65        1.41651  (16093007)
        404422.16   3779732.65        1.10639  (16093007)               404703.96
3779732.65        0.89157  (16093007)
        399067.96   3779996.21        0.96244  (15063020)               399349.76
3779996.21        0.94181  (15063020)
        399631.56   3779996.21        0.96411  (16062001)               399913.36
3779996.21        1.05750  (16062001)
        400195.16   3779996.21        1.12694  (15101202)               400476.96
3779996.21        1.27952  (13090705)
        400758.76   3779996.21        2.01415  (14091323)               401040.56
3779996.21        2.13467  (15092103)
        401322.36   3779996.21        2.38820  (15092106)               401604.16
3779996.21        2.89136  (15100821)
        401885.96   3779996.21        3.52099  (14090905)               402167.76
3779996.21        4.48747  (13083005)
        402449.56   3779996.21        6.22564  (16062005)               402731.36
3779996.21       11.48872  (14091502)
        403013.16   3779996.21       23.21130  (12071919)               403294.96
3779996.21        5.85533  (16093007)
        403576.76   3779996.21        3.24333  (16093007)               403858.56
3779996.21        2.14533  (16093007)
        404140.36   3779996.21        1.55441  (16093007)               404422.16
3779996.21        1.19286  (16093007)
        404703.96   3779996.21        0.95092  (16093007)               399067.96
3780259.77        1.05452  (16062001)
        399349.76   3780259.77        1.03392  (13090705)               399631.56
3780259.77        1.09485  (12091404)
        399913.36   3780259.77        1.18692  (12091404)               400195.16
3780259.77        1.37944  (15092106)
        400476.96   3780259.77        1.98461  (15092103)               400758.76
3780259.77        2.18485  (14091604)
        401040.56   3780259.77        2.41086  (15091204)               401322.36
3780259.77        2.74071  (15091105)
        401604.16   3780259.77        3.17035  (13090623)               401885.96
3780259.77        3.74862  (13090706)
        402167.76   3780259.77        4.72132  (13090605)               402449.56
3780259.77        6.77904  (15101402)
        402731.36   3780259.77       12.80121  (14091502)               403013.16
3780259.77       25.73404  (16093007)
        403294.96   3780259.77        6.69512  (12083119)               403576.76
3780259.77        3.51796  (16093007)
        403858.56   3780259.77        2.31176  (16093007)               404140.36
3780259.77        1.65803  (16093007)
        404422.16   3780259.77        1.26234  (16093007)               404703.96
3780259.77        0.99948  (16093007)
        399067.96   3780523.33        1.17572  (14091604)               399349.76
3780523.33        1.15095  (15092106)
        399631.56   3780523.33        1.16319  (15091204)               399913.36
3780523.33        1.33311  (13082604)
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        400195.16   3780523.33        1.72793  (15100821)                400476.96
3780523.33        1.96419  (15100821)
        400758.76   3780523.33        2.20694  (15091204)                401040.56
3780523.33        2.45445  (15100821)
        401322.36   3780523.33        2.75889  (15091105)                401604.16
3780523.33        3.15419  (13090623)
        401885.96   3780523.33        3.72524  (13083005)                402167.76
3780523.33        4.74152  (16062005)
        402449.56   3780523.33        6.78280  (15102324)                402731.36
3780523.33       13.06283  (12100206)
        403013.16   3780523.33       32.57217  (16093007)                403294.96
3780523.33        8.15505  (12100219)
        403576.76   3780523.33        4.01588  (12082121)                403858.56
3780523.33        2.43268  (16093007)
        404140.36   3780523.33        1.72914  (16093007)                404422.16
3780523.33        1.39867  (12031616)
        404703.96   3780523.33        1.40619  (12031616)                399067.96
3780786.89        1.23868  (15091204)
        399349.76   3780786.89        1.26729  (15100821)                399631.56
3780786.89        0.99705  (13092404)
        399913.36   3780786.89        1.43085  (14090905)                400195.16
3780786.89        1.81035  (14090905)
        400476.96   3780786.89        2.04624  (15091105)                400758.76
3780786.89        2.17498  (15092106)
        401040.56   3780786.89        2.40347  (15092106)                401322.36
3780786.89        2.69942  (15092106)
        401604.16   3780786.89        3.11858  (15100821)                401885.96
3780786.89        3.74690  (13090623)
        402167.76   3780786.89        4.79328  (16062005)                402449.56
3780786.89        6.72299  (16081403)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 324
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                                   INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402731.36	3780786.89	12.91484	(14091503)	403013.16	3780786.89	43.26032	(16093007)
403294.96	3780786.89	9.63529	(13080302)	403576.76	3780786.89	5.47132	(16072221)
403858.56	3780786.89	3.25002	(12093019)	404140.36	3780786.89	2.19356	(12031616)
404422.16	3780786.89	1.93050	(12031616)	404703.96	3780786.89	1.54791	(12031616)
399067.96	3781050.45	1.32210	(15091105)	399349.76	3781050.45	1.38004	(15091501)
399631.56	3781050.45	1.43288	(15070205)	399913.36	3781050.45	1.41585	(13090623)
400195.16	3781050.45	1.89206	(13090623)	400476.96	3781050.45	2.01402	(15091105)
400758.76	3781050.45	2.14147	(14091604)	401040.56	3781050.45	2.36257	(14091604)
401322.36	3781050.45	2.68350	(14091604)	401604.16	3781050.45	3.17410	(15092106)
401885.96	3781050.45	3.92517	(13090623)	402167.76	3781050.45	5.10752	(12101424)
402449.56	3781050.45	7.11062	(14100506)	402731.36	3781050.45	12.84614	(14091503)
403013.16	3781050.45	70.48219	(12121716)	403294.96	3781050.45	11.47696	(12090501)
403576.76	3781050.45	6.53886	(12080622)	403858.56	3781050.45	4.09456	(15090824)
404140.36	3781050.45	2.45258	(12092119)	404422.16	3781050.45	2.00438	(12120116)
404703.96	3781050.45	2.02098	(12091319)	399067.96	3781314.01	1.39446	(14090905)
399349.76	3781314.01	1.40543	(13090623)	399631.56	3781314.01	1.52375	(16091905)
399913.36	3781314.01	1.76831	(13090623)	400195.16	3781314.01	1.78219	(15092106)
400476.96	3781314.01	1.97400	(15091105)	400758.76	3781314.01	2.09487	(15092106)
401040.56	3781314.01	2.28549	(15092103)	401322.36	3781314.01	2.62706	(15092103)
401604.16	3781314.01	3.25434	(15091204)	401885.96	3781314.01	4.44434	(13090623)
402167.76	3781314.01	6.58862	(15072705)	402449.56			

3781314.01   9.20651 (14102506)
        402731.36   3781314.01   14.49435 (12022708)   403013.16
3781314.01   106.62324 (12022708)
        403294.96   3781314.01   12.36585 (12090501)   403576.76
3781314.01   6.97777 (13101921)
        403858.56   3781314.01   4.73853 (15092101)   404140.36
3781314.01   2.85200 (15090824)
        404422.16   3781314.01   3.10165 (12080922)   404703.96
3781314.01   2.71366 (12081723)
        399067.96   3781577.57   1.37730 (13090623)   399349.76
3781577.57   1.38261 (13090706)
        399631.56   3781577.57   1.63534 (16100902)   399913.36
3781577.57   1.66230 (15100821)
        400195.16   3781577.57   1.73229 (15091204)   400476.96
3781577.57   1.87174 (15100821)
        400758.76   3781577.57   2.05806 (15100821)   401040.56
3781577.57   2.85056 (13100421)
        401322.36   3781577.57   4.09980 (13051303)   401604.16
3781577.57   3.62072 (12120215)
        401885.96   3781577.57   8.08800 (12120215)   402167.76
3781577.57   38.13576 (15120908)
        402449.56   3781577.57   116.32621 (12031616)   402731.36
3781577.57   120.88879 (12022708)
        403013.16   3781577.57   129.65618 (12120116)   403294.96
3781577.57   12.05594 (12093020)
        403576.76   3781577.57   6.74847 (16092519)   403858.56
3781577.57   4.20179 (15092101)
        404140.36   3781577.57   3.96433 (12100119)   404422.16
3781577.57   2.96670 (14091419)
        404703.96   3781577.57   2.68220 (14091419)   399067.96
3781841.13   1.38777 (13090706)
        399349.76   3781841.13   1.54133 (13090706)   399631.56
3781841.13   1.52069 (15100821)
        399913.36   3781841.13   1.62393 (15091501)   400195.16
3781841.13   1.67769 (15091204)
        400476.96   3781841.13   2.28426 (14100401)   400758.76
3781841.13   2.07176 (12033117)
        401040.56   3781841.13   5.42777 (14092424)   401322.36
3781841.13   7.22934 (14091604)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
                                 INCLUDING SOURCE(S):   L0000894   , L0000895

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, L0000896    , L0000897    , L0000898    ,
                L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        401604.16   3781841.13        8.38309  (15100821)               402167.76
3781841.13        9.78054  (14091902)
        402449.56   3781841.13        9.68427  (13090605)               402731.36
3781841.13       13.03733  (15091302)
        403013.16   3781841.13       24.39085  (12090223)               403294.96
3781841.13        9.05026  (14080322)
        403576.76   3781841.13        6.59566  (13090420)               403858.56
3781841.13        4.66497  (16072221)
        404140.36   3781841.13        3.36469  (12071206)               404422.16
3781841.13        3.72222  (13083024)
        404703.96   3781841.13        2.59419  (15092020)               399067.96
3782104.69        1.42692  (13083005)
        399349.76   3782104.69        1.51506  (13090706)               399631.56
3782104.69        1.48534  (15091105)
        399913.36   3782104.69        2.14679  (12102906)               400195.16
3782104.69        3.22824  (15092106)
        400476.96   3782104.69        4.20305  (16092902)               400758.76
3782104.69        3.69808  (15090901)
        401040.56   3782104.69        5.72343  (15091501)               401322.36
3782104.69        6.14881  (13090623)
        401604.16   3782104.69        6.47828  (15092105)               401885.96
3782104.69        6.99561  (15102324)
        402167.76   3782104.69        6.54874  (14100506)               402449.56
3782104.69        7.46698  (14091502)
        402731.36   3782104.69       10.58550  (12091605)               403013.16
3782104.69       17.74362  (12090223)
        403294.96   3782104.69        9.50371  (16062102)               403576.76
3782104.69        5.04626  (12100219)
        403858.56   3782104.69        4.18612  (16072221)               404140.36
3782104.69        3.83962  (15063021)
        404422.16   3782104.69        3.57012  (13090420)               404703.96
3782104.69        3.27864  (12082822)
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399067.96 3782368.25 1.45787 (13090603) 399349.76
3782368.25 1.48365 (13090706)
399631.56 3782368.25 2.24272 (15090901) 399913.36
3782368.25 3.28898 (15100821)
400195.16 3782368.25 3.76370 (15091105) 400476.96
3782368.25 4.09003 (15070205)
400758.76 3782368.25 4.52212 (13090623) 401040.56
3782368.25 4.74939 (13083005)
401322.36 3782368.25 4.99400 (13090605) 401604.16
3782368.25 5.36429 (12092824)
401885.96 3782368.25 5.61020 (16100802) 402167.76
3782368.25 5.73484 (14091502)
402449.56 3782368.25 6.91144 (12100206) 402731.36
3782368.25 9.57602 (12091605)
403013.16 3782368.25 13.50536 (12100306) 403294.96
3782368.25 9.45539 (13012319)
403576.76 3782368.25 5.23807 (12090501) 403858.56
3782368.25 3.69048 (16092519)
404140.36 3782368.25 3.08475 (13082821) 404422.16
3782368.25 3.05677 (12083023)
404703.96 3782368.25 2.91146 (13082920) 399067.96
3782631.81 1.43925 (12100202)
399349.76 3782631.81 2.70189 (15091105) 399631.56
3782631.81 2.25243 (13082905)
399913.36 3782631.81 3.17611 (15070205) 400195.16
3782631.81 3.40613 (16091905)
400476.96 3782631.81 3.57991 (13090706) 400758.76
3782631.81 3.84911 (16100905)
401040.56 3782631.81 4.23302 (13062904) 401322.36
3782631.81 4.41965 (13082701)
401604.16 3782631.81 4.64077 (15102324) 401885.96
3782631.81 4.84188 (12020318)
402167.76 3782631.81 5.33636 (14091502) 402449.56
3782631.81 6.38704 (16072404)
402731.36 3782631.81 8.68377 (14091422) 403013.16
3782631.81 10.75481 (12100306)
403294.96 3782631.81 8.59755 (13092320) 403576.76
3782631.81 5.44821 (12090501)
403858.56 3782631.81 3.76994 (12100219) 404140.36
3782631.81 2.88435 (15080321)
404422.16 3782631.81 2.52707 (13090620) 404703.96
3782631.81 2.47700 (15042820)
399067.96 3782895.37 1.39932 (13090603) 399349.76
3782895.37 1.65766 (12101501)
399631.56 3782895.37 2.72434 (16091905) 399913.36
3782895.37 3.15870 (13090706)
400195.16 3782895.37 3.08949 (13083005) 400476.96
3782895.37 3.29310 (16110402)

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
INCLUDING SOURCE(S):   L0000894   , L0000895 , L0000896   , L0000897   , L0000898   ,
L0000899   , L0000900   , L0000901   , L0000902   , L0000903 , L0000904   , L0000905   , L0000906   ,
L0000907   , L0000908   , L0000909   , L0000910   , L0000911 , L0000912   , L0000913   , L0000914   ,
L0000915   , L0000916   , L0000917   , L0000918   , L0000919 , L0000920   , L0000921   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
400758.76	3782895.37	3.61461	(13062904)	401040.56	3782895.37	3.78952	(16062005)
401322.36	3782895.37	3.93194	(12081906)	401604.16	3782895.37	4.21067	(16081403)
401885.96	3782895.37	4.36613	(12020318)	402167.76	3782895.37	4.98507	(14091502)
402449.56	3782895.37	6.05711	(14091503)	402731.36	3782895.37	7.74402	(14091422)
403013.16	3782895.37	8.82478	(12100306)	403294.96	3782895.37	7.87295	(13092320)
403576.76	3782895.37	5.54400	(12093020)	403858.56	3782895.37	3.86269	(12100219)
404140.36	3782895.37	2.97503	(16092519)	404422.16	3782895.37	2.40154	(16110917)
404703.96	3782895.37	2.13247	(12091819)	399067.96	3783158.93	1.68014	(16110404)
399349.76	3783158.93	2.71440	(15072504)	399631.56	3783158.93	2.57540	(15090806)
399913.36	3783158.93	2.70847	(16100905)	400195.16	3783158.93	2.96469	(15092105)
400476.96	3783158.93	3.15198	(16092906)	400758.76	3783158.93	3.30069	(12081803)
401040.56	3783158.93	3.44997	(16100705)	401322.36			

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3783158.93        3.61546  (12110603)
        401604.16   3783158.93        3.90494  (16100802)                401885.96
3783158.93        4.12791  (16031705)
        402167.76   3783158.93        4.66171  (13082524)                402449.56
3783158.93        5.72030  (15091302)
        402731.36   3783158.93        6.04145  (12120317)                403013.16
3783158.93        5.92075  (13111317)
        403294.96   3783158.93        6.98340  (15043023)                403576.76
3783158.93        5.40621  (16062102)
        403858.56   3783158.93        3.89758  (13100821)                404140.36
3783158.93        2.98094  (16092519)
        404422.16   3783158.93        2.37056  (16110917)                404703.96
3783158.93        1.90276  (15090824)
        399067.96   3783422.49        2.41895  (15090806)                399349.76
3783422.49        2.30337  (13090603)
        399631.56   3783422.49        2.47295  (12100202)                399913.36
3783422.49        2.63384  (14040903)
        400195.16   3783422.49        2.82292  (16092906)                400476.96
3783422.49        2.97024  (13090403)
        400758.76   3783422.49        3.11719  (16100705)                401040.56
3783422.49        3.23100  (12101424)
        401322.36   3783422.49        3.32198  (14103123)                401604.16
3783422.49        3.66142  (12020318)
        401885.96   3783422.49        3.97462  (16031705)                402167.76
3783422.49        4.40507  (12090303)
        402449.56   3783422.49        5.14881  (12090123)                402731.36
3783422.49        5.99423  (12091803)
        403013.16   3783422.49        4.82284  (13111317)                403294.96
3783422.49        6.28336  (16072224)
        403576.76   3783422.49        5.15017  (14072805)                403858.56
3783422.49        3.96593  (12090501)
        404140.36   3783422.49        3.06183  (12100219)                404422.16
3783422.49        2.00717  (16072221)
        404703.96   3783422.49        1.48213  (12100119)                399067.96
3783686.05        2.09876  (16100905)
        399349.76   3783686.05        2.25160  (16110402)                399631.56
3783686.05        2.42489  (13090605)
        399913.36   3783686.05        2.55347  (13090506)                400195.16
3783686.05        2.68064  (13090403)
        400476.96   3783686.05        2.79207  (16100705)                400758.76
3783686.05        2.92824  (15101402)
        401040.56   3783686.05        3.08320  (12110603)                401322.36
3783686.05        3.10119  (16081403)
        401604.16   3783686.05        3.07099  (16100802)                401885.96
3783686.05        3.06694  (14091502)
        402167.76   3783686.05        3.20544  (12100206)                402449.56
3783686.05        3.69447  (13012522)
        402731.36   3783686.05        3.64709  (13052820)                403013.16
3783686.05        3.11724  (12041020)
        403294.96   3783686.05        4.84611  (14091721)                403576.76
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3783686.05   4.77169 (13012319)
        403858.56   3783686.05   3.91329 (12093020)   404140.36
3783686.05   3.10888 (12100219)
        404422.16   3783686.05   2.28562 (16092519)   404703.96
3783686.05   1.36758 (14051819)
        399067.96   3783949.61   2.08191 (15092105)   399349.76
3783949.61   2.20423 (13090605)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
INCLUDING SOURCE(S):   L0000894   , L0000895   , L0000896   , L0000897   , L0000898   ,
L0000899   , L0000900   , L0000901   , L0000902   , L0000903   , L0000904   , L0000905   , L0000906   ,
L0000907   , L0000908   , L0000909   , L0000910   , L0000911   , L0000912   , L0000913   , L0000914   ,
L0000915   , L0000916   , L0000917   , L0000918   , L0000919   , L0000920   , L0000921   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
399631.56	3783949.61	2.32550	(13090506)	399913.36	3783949.61	2.44063	(13090403)
400195.16	3783949.61	2.50376	(13082701)	400476.96	3783949.61	2.59901	(14100501)
400758.76	3783949.61	2.71617	(12101424)	401040.56	3783949.61	2.96559	(14103123)
401322.36	3783949.61	3.13055	(16100802)	401604.16	3783949.61	2.84305	(14100506)
401885.96	3783949.61	2.30374	(13100823)	402167.76	3783949.61	2.32459	(16122317)
402449.56	3783949.61	2.89582	(12110324)	402731.36	3783949.61	2.54298	(15100322)
403013.16	3783949.61	4.36347	(13111317)	403294.96	3783949.61	4.65898	(13111917)

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        403576.76   3783949.61        4.50830  (16111501)               403858.56
3783949.61        3.75143  (14080322)
        404140.36   3783949.61        2.97894  (13100821)               404422.16
3783949.61        1.64982  (16052323)
        404703.96   3783949.61        1.34151  (14051719)               399067.96
3784213.17        2.02571  (13062904)
        399349.76   3784213.17        2.12535  (13090506)               399631.56
3784213.17        2.23894  (13090403)
        399913.36   3784213.17        2.34036  (13082701)               400195.16
3784213.17        2.07992  (15080404)
        400476.96   3784213.17        1.87720  (16092618)               400758.76
3784213.17        1.82099  (15103002)
        401040.56   3784213.17        2.64486  (15072705)               401322.36
3784213.17        3.04140  (13122803)
        401604.16   3784213.17        2.89459  (15080504)               401885.96
3784213.17        1.87474  (16122317)
        402167.76   3784213.17        1.13861  (13050621)               402449.56
3784213.17        1.87632  (16013018)
        402731.36   3784213.17        3.45326  (15061004)               403013.16
3784213.17        4.38441  (13111317)
        403294.96   3784213.17        4.53669  (12091821)               403576.76
3784213.17        3.99767  (15070805)
        403858.56   3784213.17        2.69451  (12101821)               404140.36
3784213.17        1.86921  (13050519)
        404422.16   3784213.17        1.20775  (12090921)               404703.96
3784213.17        1.38139  (15051219)
        401308.88   3781008.78        2.66876  (14091604)               401328.88
3781008.78        2.69836  (14091604)
        401348.88   3781008.78        2.72605  (14091604)               401368.88
3781008.78        2.75263  (14091604)
        401388.88   3781008.78        2.78711  (14091604)               401408.88
3781008.78        2.82352  (14091604)
        401428.88   3781008.78        2.85125  (14091604)               401448.88
3781008.78        2.88006  (14091604)
        401468.88   3781008.78        2.91516  (14091604)               401488.88
3781008.78        2.95052  (15092106)
        401508.88   3781008.78        2.98435  (15092106)               401528.88
3781008.78        3.02216  (15092106)
        401548.88   3781008.78        3.06066  (15092106)               401568.88
3781008.78        3.09775  (15092106)
        401588.88   3781008.78        3.13614  (15092106)               401608.88
3781008.78        3.17244  (15092106)
        401628.88   3781008.78        3.21103  (15092106)               401648.88
3781008.78        3.25229  (15092106)
        401668.88   3781008.78        3.29413  (15092106)               401688.88
3781008.78        3.33950  (15091204)
        401708.88   3781008.78        3.39549  (15100821)               401728.88
3781008.78        3.44847  (15100821)
        401748.88   3781008.78        3.50237  (15100821)               401768.88
3781008.78        3.55757  (15091105)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402108.88	3781008.78	4.72276	(12101424)	402128.88	3781008.78	4.82589	(12101424)
402148.88	3781008.78	4.93330	(12101424)	402168.88	3781008.78	5.05023	(12101424)
402188.88	3781008.78	5.15164	(12101424)	402208.88			

3781008.78 5.25156 (15102324)
402228.88 3781008.78 5.35051 (15102324) 402248.88
3781008.78 5.45673 (15102324)
402268.88 3781008.78 5.57472 (15102324) 402288.88
3781008.78 5.69077 (15102324)
402308.88 3781008.78 5.84368 (15072705) 402328.88
3781008.78 5.97689 (16081403)
402348.88 3781008.78 6.13735 (16081403) 402368.88
3781008.78 6.28730 (16081403)
402388.88 3781008.78 6.43562 (16081403) 402408.88
3781008.78 6.60981 (15091906)
402428.88 3781008.78 6.78414 (15091906) 402448.88
3781008.78 6.97511 (14100506)
402468.88 3781008.78 7.18825 (14100506) 402488.88
3781008.78 7.39837 (14100506)
402508.88 3781008.78 7.65373 (15080504) 401308.88
3781028.78 2.66394 (14091604)
401328.88 3781028.78 2.69594 (14091604) 401348.88
3781028.78 2.72114 (14091604)
401368.88 3781028.78 2.75282 (14091604) 401388.88
3781028.78 2.78960 (14091604)
401408.88 3781028.78 2.81038 (14091604) 401428.88
3781028.78 2.84709 (14091604)
401448.88 3781028.78 2.88225 (14091604) 401468.88
3781028.78 2.91334 (14091604)
401488.88 3781028.78 2.95198 (15092106) 401508.88
3781028.78 2.98978 (15092106)
401528.88 3781028.78 3.02648 (15092106) 401548.88
3781028.78 3.06489 (15092106)
401568.88 3781028.78 3.10296 (15092106) 401588.88
3781028.78 3.14248 (15092106)
401608.88 3781028.78 3.18063 (15092106) 401628.88
3781028.78 3.21757 (15092106)
401648.88 3781028.78 3.26002 (15092106) 401668.88
3781028.78 3.30344 (15092106)
401688.88 3781028.78 3.35099 (15091204) 401708.88
3781028.78 3.40624 (15100821)
401728.88 3781028.78 3.46021 (15100821) 401748.88
3781028.78 3.51444 (15100821)
401768.88 3781028.78 3.57140 (15091105) 401788.88
3781028.78 3.62670 (15091105)
401808.88 3781028.78 3.68260 (15091105) 401828.88
3781028.78 3.73447 (15091105)
401848.88 3781028.78 3.78801 (15091105) 401868.88
3781028.78 3.85198 (13090623)
401888.88 3781028.78 3.90865 (13090623) 401908.88
3781028.78 3.97900 (13090623)
401928.88 3781028.78 4.04626 (13090623) 401948.88
3781028.78 4.11385 (13090623)
401968.88 3781028.78 4.18660 (13090623) 401988.88

3781028.78 4.26093 (13090623)
  402008.88 3781028.78 4.33519 (13090623) 402028.88
3781028.78 4.42841 (13083005)
  402048.88 3781028.78 4.50447 (13083005) 402068.88
3781028.78 4.58040 (13083005)
  402088.88 3781028.78 4.66505 (13083005) 402108.88
3781028.78 4.77101 (12101424)
  402128.88 3781028.78 4.87227 (12101424) 402148.88
3781028.78 4.97208 (12101424)
  402168.88 3781028.78 5.09057 (12101424) 402188.88
3781028.78 5.18778 (12101424)
  402208.88 3781028.78 5.29409 (15102324) 402228.88
3781028.78 5.38942 (15102324)
  402248.88 3781028.78 5.49558 (15102324) 402268.88
3781028.78 5.61024 (15102324)
  402288.88 3781028.78 5.73937 (15072705) 402308.88
3781028.78 5.89214 (15072705)
  402328.88 3781028.78 6.02613 (16081403) 402348.88
3781028.78 6.18959 (16081403)
  402368.88 3781028.78 6.33438 (16081403) 402388.88
3781028.78 6.48387 (15091906)
  402408.88 3781028.78 6.66011 (15091906) 402428.88
3781028.78 6.83797 (15091906)
  402448.88 3781028.78 7.04174 (14100506) 402468.88
3781028.78 7.24192 (14100506)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
  L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
  L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
  L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402488.88	3781028.78	7.46150	(15080504)	402508.88	3781028.78	7.70113	(15080504)
401308.88	3781048.78	2.66318	(14091604)	401328.88	3781048.78	2.69166	(14091604)
401348.88	3781048.78	2.72144	(14091604)	401368.88	3781048.78	2.75378	(14091604)
401388.88	3781048.78	2.78657	(14091604)	401408.88	3781048.78	2.81512	(14091604)
401428.88	3781048.78	2.84675	(14091604)	401448.88	3781048.78	2.87963	(14091604)
401468.88	3781048.78	2.91649	(14091604)	401488.88	3781048.78	2.95467	(15092106)
401508.88	3781048.78	2.98559	(14091604)	401528.88	3781048.78	3.02655	(15092106)
401548.88	3781048.78	3.06817	(15092106)	401568.88	3781048.78	3.10803	(15092106)
401588.88	3781048.78	3.14767	(15092106)	401608.88	3781048.78	3.18276	(15092106)
401628.88	3781048.78	3.21990	(15092106)	401648.88	3781048.78	3.26289	(15092106)
401668.88	3781048.78	3.31058	(15092106)	401688.88	3781048.78	3.36415	(15100821)
401708.88	3781048.78	3.41717	(15100821)	401728.88	3781048.78	3.47255	(15100821)
401748.88	3781048.78	3.52885	(15100821)	401768.88	3781048.78	3.58601	(15091105)
401788.88	3781048.78	3.64266	(15091105)	401808.88	3781048.78	3.70091	(15091105)
401828.88	3781048.78	3.75323	(15091105)	401848.88	3781048.78	3.80988	(15091105)
401868.88	3781048.78	3.87194	(13090623)	401888.88	3781048.78	3.93467	(13090623)
401908.88	3781048.78	4.00849	(13090623)	401928.88	3781048.78	4.07463	(13090623)
401948.88	3781048.78	4.14485	(13090623)	401968.88	3781048.78	4.22315	(13090623)
401988.88	3781048.78	4.29739	(13090623)	402008.88	3781048.78	4.37515	(13090623)
402028.88	3781048.78	4.47816	(13083005)	402048.88	3781048.78	4.54430	(13083005)
402068.88	3781048.78	4.62613	(13083005)	402088.88	3781048.78	4.70668	(12101424)
402108.88	3781048.78	4.81758	(12101424)	402128.88	3781048.78	4.91280	(12101424)
402148.88	3781048.78	5.01829	(12101424)	402168.88	3781048.78	5.10801	(12101424)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,

L0000915 , L0000916 , L0000917 , L0000918 , L0000919
, L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401648.88	3781068.78	3.26940	(15092106)	401668.88	3781068.78	3.31478	(15092106)
401688.88	3781068.78	3.36907	(15091204)	401708.88	3781068.78	3.42896	(15100821)
401728.88	3781068.78	3.48241	(15100821)	401748.88	3781068.78	3.54295	(15100821)
401768.88	3781068.78	3.60224	(15091105)	401788.88	3781068.78	3.66045	(15091105)
401808.88	3781068.78	3.71470	(15091105)	401828.88	3781068.78	3.77180	(15091105)
401848.88	3781068.78	3.83012	(15091105)	401868.88	3781068.78	3.89362	(15091105)
401888.88	3781068.78	3.95722	(13090623)	401908.88	3781068.78	4.03644	(13090623)
401928.88	3781068.78	4.10595	(13090623)	401948.88	3781068.78	4.17383	(13090623)
401968.88	3781068.78	4.24543	(13090623)	401988.88	3781068.78	4.32680	(13090623)
402008.88	3781068.78	4.40330	(13090623)	402028.88	3781068.78	4.51397	(13083005)
402048.88	3781068.78	4.57612	(13083005)	402068.88	3781068.78	4.65727	(13083005)
402088.88	3781068.78	4.74940	(12101424)	402108.88	3781068.78	4.86243	(12101424)
402128.88	3781068.78	4.95925	(12101424)	402148.88	3781068.78	5.06092	(12101424)
402168.88	3781068.78	5.17432	(15102324)	402188.88	3781068.78	5.28675	(15102324)
402208.88	3781068.78	5.39489	(15102324)	402228.88	3781068.78	5.49588	(15102324)
402248.88	3781068.78	5.60426	(15102324)	402268.88	3781068.78	5.72904	(15072705)
402288.88	3781068.78	5.86940	(15072705)	402308.88	3781068.78	6.01756	(16081403)
402328.88	3781068.78	6.17033	(16081403)	402348.88	3781068.78	6.31481	(16081403)
402368.88	3781068.78	6.45006	(15091906)	402388.88			

3781068.78 6.61026 (15091906)
  402408.88 3781068.78 6.77728 (15091906) 402428.88
3781068.78 6.95607 (14100506)
  402448.88 3781068.78 7.15805 (14100506) 402468.88
3781068.78 7.36607 (14100506)
  402488.88 3781068.78 7.59033 (15080504) 402508.88
3781068.78 7.81588 (15080504)
  401308.88 3781088.78 2.65172 (15092103) 401328.88
3781088.78 2.68791 (14091604)
  401348.88 3781088.78 2.71882 (14091604) 401368.88
3781088.78 2.75238 (14091604)
  401388.88 3781088.78 2.77878 (14091604) 401408.88
3781088.78 2.81358 (14091604)
  401428.88 3781088.78 2.84132 (14091604) 401448.88
3781088.78 2.88088 (14091604)
  401468.88 3781088.78 2.91931 (14091604) 401488.88
3781088.78 2.95233 (14091604)
  401508.88 3781088.78 2.99309 (15092106) 401528.88
3781088.78 3.03176 (15092106)
  401548.88 3781088.78 3.07459 (15092106) 401568.88
3781088.78 3.11394 (15092106)
  401588.88 3781088.78 3.15570 (15092106) 401608.88
3781088.78 3.19524 (15092106)
  401628.88 3781088.78 3.23829 (15092106) 401648.88
3781088.78 3.28228 (15092106)
  401668.88 3781088.78 3.32729 (15092106) 401688.88
3781088.78 3.37475 (15091204)
  401708.88 3781088.78 3.44265 (15100821) 401728.88
3781088.78 3.50114 (15100821)
  401748.88 3781088.78 3.55804 (15100821) 401768.88
3781088.78 3.61859 (15091105)
  401788.88 3781088.78 3.67818 (15091105) 401808.88
3781088.78 3.73534 (15091105)
  401828.88 3781088.78 3.79325 (15091105) 401848.88
3781088.78 3.85335 (15091105)
  401868.88 3781088.78 3.91791 (15091105) 401888.88
3781088.78 3.98493 (13090623)
  401908.88 3781088.78 4.06128 (13090623) 401928.88
3781088.78 4.13671 (13090623)
  401948.88 3781088.78 4.21394 (13090623) 401968.88
3781088.78 4.29584 (13090623)
  401988.88 3781088.78 4.37224 (13090623) 402008.88
3781088.78 4.45240 (13090623)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402028.88	3781088.78	4.55444	(13083005)	402048.88	3781088.78	4.62189	(13083005)
402068.88	3781088.78	4.69503	(12101424)	402088.88	3781088.78	4.80515	(12101424)
402108.88	3781088.78	4.90813	(12101424)	402128.88	3781088.78	5.01221	(12101424)
402148.88	3781088.78	5.11770	(12101424)	402168.88	3781088.78	5.24015	(15102324)
402188.88	3781088.78	5.34905	(15102324)	402208.88	3781088.78	5.45292	(15102324)
402228.88	3781088.78	5.55564	(15102324)	402248.88	3781088.78	5.66361	(12111623)
402268.88	3781088.78	5.79966	(15072705)	402288.88	3781088.78	5.93488	(15072705)
402308.88	3781088.78	6.08884	(16081403)	402328.88	3781088.78	6.23539	(16081403)
402348.88	3781088.78	6.37898	(16081403)	402368.88	3781088.78	6.53270	(15091906)
402388.88	3781088.78	6.68138	(15091906)	402408.88	3781088.78	6.84561	(15091906)
402428.88	3781088.78	7.03090	(14100506)	402448.88	3781088.78	7.23843	(14100506)
402468.88	3781088.78	7.44356	(15080504)	402488.88	3781088.78	7.66247	(15080504)
402508.88	3781088.78	7.89394	(14091502)	401308.88	3781108.78	2.64811	(15092103)
401328.88	3781108.78	2.67945	(14091604)	401348.88	3781108.78	2.71510	(14091604)

401368.88 3781108.78 2.74965 (14091604) 401388.88
3781108.78 2.77519 (14091604)
401408.88 3781108.78 2.81124 (14091604) 401428.88
3781108.78 2.84174 (14091604)
401448.88 3781108.78 2.88166 (14091604) 401468.88
3781108.78 2.91763 (14091604)
401488.88 3781108.78 2.95018 (14091604) 401508.88
3781108.78 2.99341 (15092106)
401528.88 3781108.78 3.03286 (15092106) 401548.88
3781108.78 3.07837 (15092106)
401568.88 3781108.78 3.11755 (15092106) 401588.88
3781108.78 3.15986 (15092106)
401608.88 3781108.78 3.20219 (15092106) 401628.88
3781108.78 3.24517 (15092106)
401648.88 3781108.78 3.28922 (15092106) 401668.88
3781108.78 3.33406 (15092106)
401688.88 3781108.78 3.38292 (15092106) 401708.88
3781108.78 3.45624 (15100821)
401728.88 3781108.78 3.51309 (15100821) 401748.88
3781108.78 3.57328 (15100821)
401768.88 3781108.78 3.63412 (15091105) 401788.88
3781108.78 3.69415 (15091105)
401808.88 3781108.78 3.75227 (15091105) 401828.88
3781108.78 3.81453 (15091105)
401848.88 3781108.78 3.87702 (15091105) 401868.88
3781108.78 3.94381 (15091105)
401888.88 3781108.78 4.00942 (13090623) 401908.88
3781108.78 4.09144 (13090623)
401928.88 3781108.78 4.16688 (13090623) 401948.88
3781108.78 4.24669 (13090623)
401968.88 3781108.78 4.33509 (13090623) 401988.88
3781108.78 4.42528 (13090623)
402008.88 3781108.78 4.49958 (13090623) 402028.88
3781108.78 4.60072 (13083005)
402048.88 3781108.78 4.66297 (13083005) 402068.88
3781108.78 4.75326 (12101424)
402088.88 3781108.78 4.86052 (12101424) 402108.88
3781108.78 4.96403 (12101424)
402128.88 3781108.78 5.06427 (12101424) 402148.88
3781108.78 5.16986 (15102324)
402168.88 3781108.78 5.30168 (15102324) 402188.88
3781108.78 5.40407 (15102324)
402208.88 3781108.78 5.51508 (15102324) 402228.88
3781108.78 5.61919 (15102324)
402248.88 3781108.78 5.74201 (15072705) 402268.88
3781108.78 5.88090 (15072705)
402288.88 3781108.78 6.01957 (16081403) 402308.88
3781108.78 6.17088 (16081403)
402328.88 3781108.78 6.30964 (16081403) 402348.88
3781108.78 6.44988 (16081403)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402408.88	3781108.78	6.92663	(14100506)	402428.88	3781108.78	7.12297	(14100506)
402448.88	3781108.78	7.30253	(14100506)	402468.88	3781108.78	7.52650	(15080504)
402488.88	3781108.78	7.74215	(15080504)	402508.88	3781108.78	7.98532	(14091502)
401308.88	3781128.78	2.64541	(15092103)	401328.88	3781128.78	2.67653	(14091604)
401348.88	3781128.78	2.71095	(14091604)	401368.88	3781128.78	2.74697	(14091604)
401388.88	3781128.78	2.77286	(14091604)	401408.88	3781128.78	2.80456	(14091604)
401428.88	3781128.78	2.83857	(14091604)	401448.88	3781128.78	2.88049	(14091604)
401468.88	3781128.78	2.91716	(14091604)	401488.88	3781128.78	2.95057	(14091604)
401508.88	3781128.78	2.99074	(14091604)	401528.88	3781128.78	3.03047	(15092106)
401548.88	3781128.78	3.08171	(15092106)	401568.88			

3781128.78 3.12129 (15092106)
401588.88 3781128.78 3.16583 (15092106) 401608.88
3781128.78 3.20833 (15092106)
401628.88 3781128.78 3.25287 (15092106) 401648.88
3781128.78 3.29765 (15092106)
401668.88 3781128.78 3.34979 (15091204) 401688.88
3781128.78 3.40399 (15100821)
401708.88 3781128.78 3.46767 (15100821) 401728.88
3781128.78 3.52603 (15100821)
401748.88 3781128.78 3.58646 (15100821) 401768.88
3781128.78 3.64846 (15100821)
401788.88 3781128.78 3.70750 (15091105) 401808.88
3781128.78 3.77208 (15091105)
401828.88 3781128.78 3.83689 (15091105) 401848.88
3781128.78 3.89928 (15091105)
401868.88 3781128.78 3.97066 (15091105) 401888.88
3781128.78 4.03865 (13090623)
401908.88 3781128.78 4.11861 (13090623) 401928.88
3781128.78 4.20363 (13090623)
401948.88 3781128.78 4.28669 (13090623) 401968.88
3781128.78 4.38023 (13090623)
401988.88 3781128.78 4.46198 (13090623) 402008.88
3781128.78 4.55222 (13083005)
402028.88 3781128.78 4.63662 (13083005) 402048.88
3781128.78 4.72283 (13083005)
402068.88 3781128.78 4.81092 (12101424) 402088.88
3781128.78 4.91903 (12101424)
402108.88 3781128.78 5.02623 (12101424) 402128.88
3781128.78 5.13331 (15102324)
402148.88 3781128.78 5.25479 (15102324) 402168.88
3781128.78 5.36494 (15102324)
402188.88 3781128.78 5.47357 (15102324) 402208.88
3781128.78 5.58414 (15102324)
402228.88 3781128.78 5.69313 (12111623) 402248.88
3781128.78 5.83114 (15072705)
402268.88 3781128.78 5.96730 (15072705) 402288.88
3781128.78 6.11334 (16081403)
402308.88 3781128.78 6.25917 (16081403) 402328.88
3781128.78 6.39077 (16081403)
402348.88 3781128.78 6.53849 (15091906) 402368.88
3781128.78 6.70077 (15091906)
402388.88 3781128.78 6.85995 (15091906) 402408.88
3781128.78 7.02606 (14100506)
402428.88 3781128.78 7.21987 (14100506) 402448.88
3781128.78 7.39671 (14100506)
402468.88 3781128.78 7.61430 (15080504) 402488.88
3781128.78 7.82835 (15080504)
402508.88 3781128.78 8.08554 (14091502) 401308.88
3781148.78 2.64167 (15092103)
401328.88 3781148.78 2.66944 (15092103) 401348.88

3781148.78 2.69946 (15092103)
  401368.88 3781148.78 2.74350 (14091604) 401388.88
3781148.78 2.77733 (14091604)
  401408.88 3781148.78 2.80415 (14091604) 401428.88
3781148.78 2.83957 (14091604)
  401448.88 3781148.78 2.87957 (14091604) 401468.88
3781148.78 2.91734 (14091604)
  401488.88 3781148.78 2.94846 (14091604) 401508.88
3781148.78 2.99221 (14091604)
  401528.88 3781148.78 3.03648 (15092106) 401548.88
3781148.78 3.08514 (15092106)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
  L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
  L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
  L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401568.88	3781148.78	3.12597	(15092106)	401588.88	3781148.78	3.16943	(15092106)
401608.88	3781148.78	3.21398	(15092106)	401628.88	3781148.78	3.25945	(15091204)
401648.88	3781148.78	3.31059	(15091204)	401668.88	3781148.78	3.36463	(15091204)
401688.88	3781148.78	3.42383	(15100821)	401708.88	3781148.78	3.48315	(15100821)
401728.88	3781148.78	3.54365	(15100821)	401748.88	3781148.78	3.60423	(15100821)

401768.88 3781148.78 3.66578 (15091105) 401788.88
3781148.78 3.72833 (15091105)
401808.88 3781148.78 3.79431 (15091105) 401828.88
3781148.78 3.86103 (15091105)
401848.88 3781148.78 3.92870 (15091105) 401868.88
3781148.78 3.99958 (15091105)
401888.88 3781148.78 4.07990 (13090623) 401908.88
3781148.78 4.16447 (13090623)
401928.88 3781148.78 4.24919 (13090623) 401948.88
3781148.78 4.33713 (13090623)
401968.88 3781148.78 4.42868 (13090623) 401988.88
3781148.78 4.51205 (13090623)
402008.88 3781148.78 4.60116 (13083005) 402028.88
3781148.78 4.68922 (13083005)
402048.88 3781148.78 4.78452 (13083005) 402068.88
3781148.78 4.88035 (12101424)
402088.88 3781148.78 4.98656 (12101424) 402108.88
3781148.78 5.09204 (12101424)
402128.88 3781148.78 5.20843 (15102324) 402148.88
3781148.78 5.32648 (15102324)
402168.88 3781148.78 5.44099 (15102324) 402188.88
3781148.78 5.55510 (15102324)
402208.88 3781148.78 5.66906 (15102324) 402228.88
3781148.78 5.79562 (15072705)
402248.88 3781148.78 5.93538 (15072705) 402268.88
3781148.78 6.07438 (16081403)
402288.88 3781148.78 6.21982 (16081403) 402308.88
3781148.78 6.36133 (16081403)
402328.88 3781148.78 6.49922 (16081403) 402348.88
3781148.78 6.65452 (15091906)
402368.88 3781148.78 6.81351 (15091906) 402388.88
3781148.78 6.97091 (15091906)
402408.88 3781148.78 7.15060 (14100506) 402428.88
3781148.78 7.33226 (14100506)
402448.88 3781148.78 7.52017 (15080504) 402468.88
3781148.78 7.72355 (15080504)
402488.88 3781148.78 7.93970 (14091502) 402508.88
3781148.78 8.20977 (14091502)
401308.88 3781168.78 2.63975 (15092103) 401328.88
3781168.78 2.66843 (15092103)
401348.88 3781168.78 2.69827 (14091604) 401368.88
3781168.78 2.74036 (14091604)
401388.88 3781168.78 2.76941 (14091604) 401408.88
3781168.78 2.80145 (14091604)
401428.88 3781168.78 2.83758 (14091604) 401448.88
3781168.78 2.87948 (14091604)
401468.88 3781168.78 2.91660 (14091604) 401488.88
3781168.78 2.95171 (14091604)
401508.88 3781168.78 2.99470 (14091604) 401528.88
3781168.78 3.03583 (15092106)

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        401548.88   3781168.78        3.08850  (15092106)               401568.88
3781168.78        3.12791  (15092106)
        401588.88   3781168.78        3.17152  (15092106)               401608.88
3781168.78        3.21694  (15092106)
        401628.88   3781168.78        3.26568  (15092106)               401648.88
3781168.78        3.31311  (15091204)
        401668.88   3781168.78        3.37307  (15091204)               401688.88
3781168.78        3.43544  (15100821)
        401708.88   3781168.78        3.49540  (15100821)               401728.88
3781168.78        3.55964  (15100821)
        401748.88   3781168.78        3.61907  (15100821)               401768.88
3781168.78        3.68230  (15100821)
        401788.88   3781168.78        3.74711  (15091105)               401808.88
3781168.78        3.81370  (15091105)
        401828.88   3781168.78        3.88434  (15091105)               401848.88
3781168.78        3.95132  (15091105)
        401868.88   3781168.78        4.03258  (13090623)               401888.88
3781168.78        4.10075  (13090623)
        401908.88   3781168.78        4.19187  (13090623)               401928.88
3781168.78        4.28716  (13090623)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 334
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                                   INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        401948.88   3781168.78        4.37550  (13090623)               401968.88
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3781168.78        4.46730  (13090623)
        401988.88   3781168.78        4.55980  (13090623)                402008.88
3781168.78        4.65399  (13090623)
        402028.88   3781168.78        4.74483  (13083005)                402048.88
3781168.78        4.84068  (12101424)
        402068.88   3781168.78        4.94474  (12101424)                402088.88
3781168.78        5.05330  (12101424)
        402108.88   3781168.78        5.16436  (15102324)                402128.88
3781168.78        5.28901  (15102324)
        402148.88   3781168.78        5.40777  (15102324)                402168.88
3781168.78        5.52339  (15102324)
        402188.88   3781168.78        5.64063  (15102324)                402208.88
3781168.78        5.75866  (15102324)
        402228.88   3781168.78        5.89374  (15072705)                402248.88
3781168.78        6.03246  (15072705)
        402268.88   3781168.78        6.17516  (16081403)                402288.88
3781168.78        6.31754  (16081403)
        402308.88   3781168.78        6.46856  (16081403)                402328.88
3781168.78        6.60217  (15091906)
        402348.88   3781168.78        6.75845  (15091906)                402368.88
3781168.78        6.91659  (15091906)
        402388.88   3781168.78        7.07590  (14100506)                402408.88
3781168.78        7.25674  (14100506)
        402428.88   3781168.78        7.43536  (14100506)                402448.88
3781168.78        7.63101  (15080504)
        402468.88   3781168.78        7.82289  (15080504)                402488.88
3781168.78        8.07493  (14091502)
        402508.88   3781168.78        8.32117  (14091502)                401308.88
3781188.78        2.63609  (15092103)
        401328.88   3781188.78        2.66537  (15092103)                401348.88
3781188.78        2.69638  (14091604)
        401368.88   3781188.78        2.73703  (14091604)                401388.88
3781188.78        2.76738  (14091604)
        401408.88   3781188.78        2.80004  (14091604)                401428.88
3781188.78        2.83525  (14091604)
        401448.88   3781188.78        2.87685  (14091604)                401468.88
3781188.78        2.91681  (14091604)
        401488.88   3781188.78        2.95305  (14091604)                401508.88
3781188.78        2.99620  (14091604)
        401528.88   3781188.78        3.03707  (15092106)                401548.88
3781188.78        3.09174  (15092106)
        401568.88   3781188.78        3.13226  (15092106)                401588.88
3781188.78        3.17717  (15092106)
        401608.88   3781188.78        3.22405  (15092106)                401628.88
3781188.78        3.27158  (15092106)
        401648.88   3781188.78        3.32472  (15091204)                401668.88
3781188.78        3.38698  (15100821)
        401688.88   3781188.78        3.44835  (15100821)                401708.88
3781188.78        3.51171  (15100821)
        401728.88   3781188.78        3.57529  (15100821)                401748.88
```

3781188.78 3.63726 (15100821)
  401768.88 3781188.78 3.70309 (15091105) 401788.88
3781188.78 3.77028 (15091105)
  401808.88 3781188.78 3.84225 (15091105) 401828.88
3781188.78 3.91390 (15091105)
  401848.88 3781188.78 3.98447 (15091105) 401868.88
3781188.78 4.06653 (13090623)
  401888.88 3781188.78 4.14147 (13090623) 401908.88
3781188.78 4.23060 (13090623)
  401928.88 3781188.78 4.33447 (13090623) 401948.88
3781188.78 4.42744 (13090623)
  401968.88 3781188.78 4.52334 (13090623) 401988.88
3781188.78 4.61763 (13090623)
  402008.88 3781188.78 4.72267 (13083005) 402028.88
3781188.78 4.81103 (13083005)
  402048.88 3781188.78 4.90851 (12101424) 402068.88
3781188.78 5.01528 (12101424)
  402088.88 3781188.78 5.13116 (15102324) 402108.88
3781188.78 5.25393 (15102324)
  402128.88 3781188.78 5.38117 (15102324) 402148.88
3781188.78 5.50493 (15102324)
  402168.88 3781188.78 5.62698 (15102324) 402188.88
3781188.78 5.73865 (15102324)
  402208.88 3781188.78 5.86987 (15072705) 402228.88
3781188.78 6.00951 (15072705)
  402248.88 3781188.78 6.14913 (16081403) 402268.88
3781188.78 6.29285 (16081403)
  402288.88 3781188.78 6.44250 (16081403) 402308.88
3781188.78 6.58752 (16081403)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
  L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
  L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
  L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402328.88	3781188.78	6.72663	(15091906)	402348.88	3781188.78	6.88249	(15091906)
402368.88	3781188.78	7.03901	(15091906)	402388.88	3781188.78	7.21102	(14100506)
402408.88	3781188.78	7.39152	(14100506)	402428.88	3781188.78	7.57377	(14100506)
402448.88	3781188.78	7.76579	(15080504)	402468.88	3781188.78	7.95674	(15080504)
402488.88	3781188.78	8.21808	(14091502)	402508.88	3781188.78	8.46678	(14091502)
401308.88	3781208.78	2.63058	(15092103)	401328.88	3781208.78	2.66109	(15092103)
401348.88	3781208.78	2.69140	(14091604)	401368.88	3781208.78	2.73299	(14091604)
401388.88	3781208.78	2.76486	(14091604)	401408.88	3781208.78	2.79899	(14091604)
401428.88	3781208.78	2.83493	(14091604)	401448.88	3781208.78	2.87497	(14091604)
401468.88	3781208.78	2.91430	(14091604)	401488.88	3781208.78	2.95416	(14091604)
401508.88	3781208.78	2.99699	(14091604)	401528.88	3781208.78	3.04026	(15092106)
401548.88	3781208.78	3.09447	(15092106)	401568.88	3781208.78	3.13748	(15092106)
401588.88	3781208.78	3.18296	(15092106)	401608.88	3781208.78	3.22862	(15092106)
401628.88	3781208.78	3.27899	(15092106)	401648.88	3781208.78	3.33764	(15091204)
401668.88	3781208.78	3.39981	(15100821)	401688.88	3781208.78	3.46441	(15100821)
401708.88	3781208.78	3.52752	(15100821)	401728.88	3781208.78	3.59078	(15100821)
401748.88	3781208.78	3.65395	(15100821)	401768.88	3781208.78	3.72398	(15091105)
401788.88	3781208.78	3.79418	(15091105)	401808.88	3781208.78	3.86491	(15091105)
401828.88	3781208.78	3.94281	(15091105)	401848.88	3781208.78	4.01889	(15091105)
401868.88	3781208.78	4.10496	(13090623)	401888.88	3781208.78	4.19264	(13090623)
401908.88	3781208.78	4.27945	(13090623)	401928.88	3781208.78	4.38054	(13090623)

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        401948.88   3781208.78        4.47936  (13090623)               401968.88
3781208.78        4.57692  (13090623)
        401988.88   3781208.78        4.68360  (13090623)               402008.88
3781208.78        4.79760  (13083005)
        402028.88   3781208.78        4.87978  (12101424)               402048.88
3781208.78        4.98653  (12101424)
        402068.88   3781208.78        5.09741  (12101424)               402088.88
3781208.78        5.22541  (15102324)
        402108.88   3781208.78        5.35137  (15102324)               402128.88
3781208.78        5.47784  (15102324)
        402148.88   3781208.78        5.60493  (15102324)               402168.88
3781208.78        5.72364  (15102324)
        402188.88   3781208.78        5.84679  (12111623)               402208.88
3781208.78        5.99384  (15072705)
        402228.88   3781208.78        6.13678  (15072705)               402248.88
3781208.78        6.28425  (16081403)
        402268.88   3781208.78        6.43059  (16081403)               402288.88
3781208.78        6.57469  (16081403)
        402308.88   3781208.78        6.72021  (16081403)               402328.88
3781208.78        6.87402  (15091906)
        402348.88   3781208.78        7.02483  (15091906)               402368.88
3781208.78        7.17689  (14100506)
        402388.88   3781208.78        7.35728  (14100506)               402408.88
3781208.78        7.53490  (14100506)
        402428.88   3781208.78        7.72057  (15080504)               402448.88
3781208.78        7.91520  (15080504)
        402468.88   3781208.78        8.11199  (14091502)               402488.88
3781208.78        8.37769  (14091502)
        402508.88   3781208.78        8.62866  (14091502)               401308.88
3781228.78        2.62597  (15092103)
        401328.88   3781228.78        2.65687  (15092103)               401348.88
3781228.78        2.68759  (15092103)
        401368.88   3781228.78        2.72720  (14091604)               401388.88
3781228.78        2.75966  (14091604)
        401408.88   3781228.78        2.79379  (14091604)               401428.88
3781228.78        2.83049  (14091604)
        401448.88   3781228.78        2.87280  (14091604)               401468.88
3781228.78        2.91454  (14091604)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 336
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
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                L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        401488.88   3781228.78        2.95404  (14091604)               401508.88
3781228.78        2.99759  (14091604)
        401528.88   3781228.78        3.04148  (15092106)               401548.88
3781228.78        3.09720  (15092106)
        401568.88   3781228.78        3.14320  (15092106)               401588.88
3781228.78        3.18847  (15092106)
        401608.88   3781228.78        3.23604  (15092106)               401628.88
3781228.78        3.28762  (15091204)
        401648.88   3781228.78        3.34712  (15091204)               401668.88
3781228.78        3.41116  (15100821)
        401688.88   3781228.78        3.47925  (15100821)               401708.88
3781228.78        3.54131  (15100821)
        401728.88   3781228.78        3.60516  (15100821)               401748.88
3781228.78        3.67507  (15100821)
        401768.88   3781228.78        3.74662  (15091105)               401788.88
3781228.78        3.81790  (15091105)
        401808.88   3781228.78        3.89712  (15091105)               401828.88
3781228.78        3.97346  (15091105)
        401848.88   3781228.78        4.05349  (15091105)               401868.88
3781228.78        4.14709  (13090623)
        401888.88   3781228.78        4.24118  (13090623)               401908.88
3781228.78        4.33474  (13090623)
        401928.88   3781228.78        4.43028  (13090623)               401948.88
3781228.78        4.53542  (13090623)
        401968.88   3781228.78        4.64363  (13090623)               401988.88
3781228.78        4.75276  (13090623)
        402008.88   3781228.78        4.86793  (13083005)               402028.88
3781228.78        4.96453  (13083005)
        402048.88   3781228.78        5.07465  (12101424)               402068.88
3781228.78        5.19497  (15102324)
        402088.88   3781228.78        5.32676  (15102324)               402108.88
3781228.78        5.45477  (15102324)
        402128.88   3781228.78        5.58817  (15102324)               402148.88
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3781228.78        5.71711  (15102324)
        402168.88   3781228.78        5.84179  (15102324)                402188.88
3781228.78        5.98150  (15072705)
        402208.88   3781228.78        6.13262  (15072705)                402228.88
3781228.78        6.28010  (16081403)
        402248.88   3781228.78        6.43317  (16081403)                402268.88
3781228.78        6.58113  (16081403)
        402288.88   3781228.78        6.72793  (16081403)                402308.88
3781228.78        6.87977  (15091906)
        402328.88   3781228.78        7.03565  (15091906)                402348.88
3781228.78        7.18638  (15091906)
        402368.88   3781228.78        7.34874  (14100506)                402388.88
3781228.78        7.52970  (14100506)
        402408.88   3781228.78        7.70332  (14100506)                402428.88
3781228.78        7.88232  (15080504)
        402448.88   3781228.78        8.07543  (15080504)                402468.88
3781228.78        8.28702  (14091502)
        402488.88   3781228.78        8.55126  (14091502)                402508.88
3781228.78        8.80606  (14091502)
        401308.88   3781248.78        2.62191  (15092103)                401328.88
3781248.78        2.65263  (15092103)
        401348.88   3781248.78        2.68525  (14091604)                401368.88
3781248.78        2.72026  (14091604)
        401388.88   3781248.78        2.75404  (14091604)                401408.88
3781248.78        2.79032  (14091604)
        401428.88   3781248.78        2.83048  (14091604)                401448.88
3781248.78        2.87072  (14091604)
        401468.88   3781248.78        2.91275  (14091604)                401488.88
3781248.78        2.95521  (14091604)
        401508.88   3781248.78        3.00022  (15092106)                401528.88
3781248.78        3.04602  (15092106)
        401548.88   3781248.78        3.09935  (15092106)                401568.88
3781248.78        3.14229  (15092106)
        401588.88   3781248.78        3.19128  (15092106)                401608.88
3781248.78        3.24168  (15092106)
        401628.88   3781248.78        3.29698  (15091204)                401648.88
3781248.78        3.35797  (15091204)
        401668.88   3781248.78        3.42420  (15100821)                401688.88
3781248.78        3.49081  (15100821)
        401708.88   3781248.78        3.55679  (15100821)                401728.88
3781248.78        3.62543  (15100821)
        401748.88   3781248.78        3.69298  (15100821)                401768.88
3781248.78        3.76990  (15091105)
        401788.88   3781248.78        3.84482  (15091105)                401808.88
3781248.78        3.92334  (15091105)
        401828.88   3781248.78        4.00711  (15091105)                401848.88
3781248.78        4.09011  (15091105)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401868.88	3781248.78	4.19093	(13090623)	401888.88	3781248.78	4.28337	(13090623)
401908.88	3781248.78	4.38215	(13090623)	401928.88	3781248.78	4.48661	(13090623)
401948.88	3781248.78	4.60338	(13090623)	401968.88	3781248.78	4.71570	(13090623)
401988.88	3781248.78	4.82230	(13090623)	402008.88	3781248.78	4.94123	(13083005)
402028.88	3781248.78	5.05036	(12101424)	402048.88	3781248.78	5.16998	(12101424)
402068.88	3781248.78	5.30477	(15102324)	402088.88	3781248.78	5.44087	(15102324)
402108.88	3781248.78	5.57664	(15102324)	402128.88	3781248.78	5.71059	(15102324)
402148.88	3781248.78	5.84524	(15102324)	402168.88	3781248.78	5.97764	(12111623)
402188.88	3781248.78	6.13337	(15072705)	402208.88	3781248.78	6.28709	(15072705)
402228.88	3781248.78	6.44310	(16081403)	402248.88	3781248.78	6.59937	(16081403)
402268.88	3781248.78	6.74985	(16081403)	402288.88	3781248.78	6.89720	(16081403)
402308.88	3781248.78	7.05892	(15091906)	402328.88	3781248.78	7.21589	(15091906)

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        402348.88   3781248.78        7.36566  (15091906)              402368.88
3781248.78        7.54035  (14100506)
        402388.88   3781248.78        7.71480  (14100506)              402408.88
3781248.78        7.88885  (14100506)
        402428.88   3781248.78        8.07275  (15080504)              402448.88
3781248.78        8.26516  (15080504)
        402468.88   3781248.78        8.48868  (14091502)              402488.88
3781248.78        8.74360  (14091502)
        402508.88   3781248.78        8.98286  (14091502)              401308.88
3781268.78        2.61914  (15092103)
        401328.88   3781268.78        2.65050  (14091604)              401348.88
3781268.78        2.68598  (14091604)
        401368.88   3781268.78        2.72153  (14091604)              401388.88
3781268.78        2.75704  (14091604)
        401408.88   3781268.78        2.79355  (14091604)              401428.88
3781268.78        2.83220  (14091604)
        401448.88   3781268.78        2.87343  (14091604)              401468.88
3781268.78        2.91596  (14091604)
        401488.88   3781268.78        2.95987  (15092106)              401508.88
3781268.78        3.00617  (15092106)
        401528.88   3781268.78        3.05368  (15092106)              401548.88
3781268.78        3.10188  (15092106)
        401568.88   3781268.78        3.14902  (15092106)              401588.88
3781268.78        3.20026  (15091204)
        401608.88   3781268.78        3.25505  (15091204)              401628.88
3781268.78        3.31184  (15091204)
        401648.88   3781268.78        3.37234  (15100821)              401668.88
3781268.78        3.43812  (15100821)
        401688.88   3781268.78        3.50482  (15100821)              401708.88
3781268.78        3.57359  (15100821)
        401728.88   3781268.78        3.64400  (15100821)              401748.88
3781268.78        3.71652  (15100821)
        401768.88   3781268.78        3.79276  (15091105)              401788.88
3781268.78        3.87259  (15091105)
        401808.88   3781268.78        3.95543  (15091105)              401828.88
3781268.78        4.04114  (15091105)
        401848.88   3781268.78        4.12893  (15091105)              401868.88
3781268.78        4.23681  (13090623)
        401888.88   3781268.78        4.33520  (13090623)              401908.88
3781268.78        4.44027  (13090623)
        401928.88   3781268.78        4.55273  (13090623)              401948.88
3781268.78        4.67457  (13090623)
        401968.88   3781268.78        4.78667  (13090623)              401988.88
3781268.78        4.89746  (13090623)
        402008.88   3781268.78        5.02562  (13083005)              402028.88
3781268.78        5.14610  (12101424)
        402048.88   3781268.78        5.28064  (15102324)              402068.88
3781268.78        5.42347  (15102324)
        402088.88   3781268.78        5.56697  (15102324)              402108.88
3781268.78        5.70804  (15102324)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402248.88	3781268.78	6.78657	(16081403)	402268.88	3781268.78	6.94114	(16081403)
402288.88	3781268.78	7.09582	(15091906)	402308.88	3781268.78	7.26196	(15091906)
402328.88	3781268.78	7.42115	(15091906)	402348.88	3781268.78	7.57922	(14100506)
402368.88	3781268.78	7.75670	(14100506)	402388.88	3781268.78	7.94476	(14102506)
402408.88	3781268.78	8.12419	(14102506)	402428.88	3781268.78	8.28889	(15080504)
402448.88	3781268.78	8.47575	(15080504)	402468.88	3781268.78	8.71185	(14091502)
402488.88	3781268.78	8.95779	(14091502)	402508.88	3781268.78	9.18929	(14091502)
401308.88	3781288.78	2.61405	(15092103)	401328.88			

3781288.78 2.64757 (14091604)
401348.88 3781288.78 2.68191 (14091604) 401368.88
3781288.78 2.72073 (14091604)
401388.88 3781288.78 2.75442 (14091604) 401408.88
3781288.78 2.78818 (14091604)
401428.88 3781288.78 2.82798 (14091604) 401448.88
3781288.78 2.87168 (14091604)
401468.88 3781288.78 2.91546 (14091604) 401488.88
3781288.78 2.95807 (15092106)
401508.88 3781288.78 3.00502 (15092106) 401528.88
3781288.78 3.05275 (15092106)
401548.88 3781288.78 3.10394 (15092106) 401568.88
3781288.78 3.15070 (15092106)
401588.88 3781288.78 3.20185 (15092106) 401608.88
3781288.78 3.25480 (15091204)
401628.88 3781288.78 3.31773 (15091204) 401648.88
3781288.78 3.38415 (15100821)
401668.88 3781288.78 3.45065 (15100821) 401688.88
3781288.78 3.51749 (15100821)
401708.88 3781288.78 3.58524 (15100821) 401728.88
3781288.78 3.66213 (15100821)
401748.88 3781288.78 3.73781 (15091105) 401768.88
3781288.78 3.81852 (15091105)
401788.88 3781288.78 3.89953 (15091105) 401808.88
3781288.78 3.98695 (15091105)
401828.88 3781288.78 4.07610 (15091105) 401848.88
3781288.78 4.16792 (15091105)
401868.88 3781288.78 4.28468 (13090623) 401888.88
3781288.78 4.38515 (13090623)
401908.88 3781288.78 4.49780 (13090623) 401928.88
3781288.78 4.62517 (13090623)
401948.88 3781288.78 4.74198 (13090623) 401968.88
3781288.78 4.86486 (13090623)
401988.88 3781288.78 4.98678 (13090623) 402008.88
3781288.78 5.13170 (13083005)
402028.88 3781288.78 5.25910 (12101424) 402048.88
3781288.78 5.40653 (15102324)
402068.88 3781288.78 5.55517 (15102324) 402088.88
3781288.78 5.70558 (15102324)
402108.88 3781288.78 5.85674 (15102324) 402128.88
3781288.78 6.00697 (15102324)
402148.88 3781288.78 6.15598 (15102324) 402168.88
3781288.78 6.32842 (15072705)
402188.88 3781288.78 6.49747 (15072705) 402208.88
3781288.78 6.66702 (16081403)
402228.88 3781288.78 6.83632 (16081403) 402248.88
3781288.78 6.99974 (16081403)
402268.88 3781288.78 7.15837 (16081403) 402288.88
3781288.78 7.32504 (15091906)
402308.88 3781288.78 7.49331 (15091906) 402328.88

3781288.78 7.65540 (15091906)
  402348.88 3781288.78 7.85988 (14102506) 402368.88
3781288.78 8.06332 (14102506)
  402388.88 3781288.78 8.25215 (14102506) 402408.88
3781288.78 8.43725 (14102506)
  402428.88 3781288.78 8.59069 (14102506) 402448.88
3781288.78 8.74144 (14102506)
  402468.88 3781288.78 8.96329 (14091502) 402488.88
3781288.78 9.20137 (14091502)
  402508.88 3781288.78 9.41861 (14091502) 401308.88
3781308.78 2.60515 (15092103)
  401328.88 3781308.78 2.64000 (15092103) 401348.88
3781308.78 2.67344 (14091604)
  401368.88 3781308.78 2.71569 (14091604) 401388.88
3781308.78 2.74908 (14091604)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
  L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
  L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
  L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401408.88	3781308.78	2.78263	(14091604)	401428.88	3781308.78	2.82724	(14091604)
401448.88	3781308.78	2.87041	(14091604)	401468.88	3781308.78	2.91313	(14091604)
401488.88	3781308.78	2.95577	(14091604)	401508.88	3781308.78	3.00272	(15092106)

401528.88 3781308.78 3.05130 (15092106) 401548.88
3781308.78 3.10572 (15092106)
401568.88 3781308.78 3.15463 (15092106) 401588.88
3781308.78 3.20613 (15092106)
401608.88 3781308.78 3.26858 (15091204) 401628.88
3781308.78 3.32864 (15091204)
401648.88 3781308.78 3.39569 (15100821) 401668.88
3781308.78 3.46484 (15100821)
401688.88 3781308.78 3.53567 (15100821) 401708.88
3781308.78 3.60689 (15100821)
401728.88 3781308.78 3.68411 (15100821) 401748.88
3781308.78 3.76407 (15091105)
401768.88 3781308.78 3.84408 (15091105) 401788.88
3781308.78 3.93056 (15091105)
401808.88 3781308.78 4.02088 (15091105) 401828.88
3781308.78 4.11497 (15091105)
401848.88 3781308.78 4.21969 (13090623) 401868.88
3781308.78 4.33575 (13090623)
401888.88 3781308.78 4.44806 (13090623) 401908.88
3781308.78 4.56967 (13090623)
401928.88 3781308.78 4.70266 (13090623) 401948.88
3781308.78 4.82044 (13090623)
401968.88 3781308.78 4.95521 (13090623) 401988.88
3781308.78 5.08533 (12101424)
402008.88 3781308.78 5.23060 (12101424) 402028.88
3781308.78 5.38292 (15102324)
402048.88 3781308.78 5.54331 (15102324) 402068.88
3781308.78 5.70285 (15102324)
402088.88 3781308.78 5.86368 (15102324) 402108.88
3781308.78 6.02517 (15102324)
402128.88 3781308.78 6.18546 (15102324) 402148.88
3781308.78 6.35692 (15072705)
402168.88 3781308.78 6.53962 (15072705) 402188.88
3781308.78 6.71665 (15072705)
402208.88 3781308.78 6.89836 (16081403) 402228.88
3781308.78 7.07428 (16081403)
402248.88 3781308.78 7.24395 (16081403) 402268.88
3781308.78 7.40870 (15091906)
402288.88 3781308.78 7.58770 (15091906) 402308.88
3781308.78 7.76455 (14102506)
402328.88 3781308.78 7.98866 (14102506) 402348.88
3781308.78 8.20885 (14102506)
402368.88 3781308.78 8.41408 (14102506) 402388.88
3781308.78 8.60874 (14102506)
402408.88 3781308.78 8.78496 (14102506) 402428.88
3781308.78 8.94756 (14102506)
402448.88 3781308.78 9.10246 (14102506) 402468.88
3781308.78 9.24455 (14091502)
402488.88 3781308.78 9.47630 (14091502) 402508.88
3781308.78 9.68106 (14091502)

```
        401308.88   3781328.78        2.59991  (15092103)               401328.88
3781328.78        2.63238  (15092103)
        401348.88   3781328.78        2.66515  (15092103)               401368.88
3781328.78        2.71041  (14091604)
        401388.88   3781328.78        2.74466  (14091604)               401408.88
3781328.78        2.77922  (14091604)
        401428.88   3781328.78        2.82363  (14091604)               401448.88
3781328.78        2.86549  (14091604)
        401468.88   3781328.78        2.90991  (14091604)               401488.88
3781328.78        2.95484  (14091604)
        401508.88   3781328.78        2.99957  (15092106)               401528.88
3781328.78        3.05206  (15092106)
        401548.88   3781328.78        3.10712  (15092106)               401568.88
3781328.78        3.15674  (15092106)
        401588.88   3781328.78        3.20946  (15092106)               401608.88
3781328.78        3.26936  (15091204)
        401628.88   3781328.78        3.33264  (15091204)               401648.88
3781328.78        3.39490  (15091204)
        401668.88   3781328.78        3.47367  (15100821)               401688.88
3781328.78        3.54204  (15100821)
        401708.88   3781328.78        3.61951  (15100821)               401728.88
3781328.78        3.70088  (15100821)
        401748.88   3781328.78        3.78810  (15091105)               401768.88
3781328.78        3.87087  (15091105)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 340
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                                   INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
```

Y-COORD (M)   CONC   (YYMMDDHH)
- -

401788.88   3781328.78   3.96163 (15091105)   401808.88
3781328.78   4.05640 (15091105)
401828.88   3781328.78   4.15251 (15091105)   401848.88
3781328.78   4.26924 (13090623)
401868.88   3781328.78   4.38996 (13090623)   401888.88
3781328.78   4.50854 (13090623)
401908.88   3781328.78   4.64221 (13090623)   401928.88
3781328.78   4.76892 (13090623)
401948.88   3781328.78   4.89509 (13090623)   401968.88
3781328.78   5.04130 (13090623)
401988.88   3781328.78   5.19232 (12101424)   402008.88
3781328.78   5.34966 (12110603)
402028.88   3781328.78   5.52107 (15102324)   402048.88
3781328.78   5.69393 (15102324)
402068.88   3781328.78   5.86721 (15102324)   402088.88
3781328.78   6.04167 (15102324)
402108.88   3781328.78   6.21580 (15102324)   402128.88
3781328.78   6.39021 (15102324)
402148.88   3781328.78   6.58512 (15072705)   402168.88
3781328.78   6.77934 (15072705)
402188.88   3781328.78   6.97164 (16081403)   402208.88
3781328.78   7.16324 (16081403)
402228.88   3781328.78   7.34814 (16081403)   402248.88
3781328.78   7.52596 (16081403)
402268.88   3781328.78   7.70656 (15091906)   402288.88
3781328.78   7.91431 (14102506)
402308.88   3781328.78   8.15088 (14102506)   402328.88
3781328.78   8.38441 (14102506)
402348.88   3781328.78   8.61238 (14102506)   402368.88
3781328.78   8.81647 (14102506)
402388.88   3781328.78   9.00123 (14102506)   402408.88
3781328.78   9.18662 (14102506)
402428.88   3781328.78   9.36296 (14102506)   402448.88
3781328.78   9.49737 (14102506)
402468.88   3781328.78   9.61254 (14102506)   402488.88
3781328.78   9.79201 (14091502)
402508.88   3781328.78   9.99209 (14091502)   401308.88
3781348.78   2.59598 (15092103)
401328.88   3781348.78   2.62843 (15092103)   401348.88
3781348.78   2.66183 (15092103)
401368.88   3781348.78   2.70500 (14091604)   401388.88
3781348.78   2.74080 (14091604)
401408.88   3781348.78   2.77528 (14091604)   401428.88
3781348.78   2.81751 (14091604)
401448.88   3781348.78   2.86403 (14091604)   401468.88
3781348.78   2.90718 (14091604)
401488.88   3781348.78   2.95025 (14091604)   401508.88

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3781348.78        2.99736  (14091604)
        401528.88   3781348.78        3.04645  (15092106)                401548.88
3781348.78        3.10889  (15092106)
        401568.88   3781348.78        3.15873  (15092106)                401588.88
3781348.78        3.21732  (15091204)
        401608.88   3781348.78        3.27525  (15091204)                401628.88
3781348.78        3.34129  (15091204)
        401648.88   3781348.78        3.41205  (15100821)                401668.88
3781348.78        3.48438  (15100821)
        401688.88   3781348.78        3.56183  (15100821)                401708.88
3781348.78        3.63861  (15100821)
        401728.88   3781348.78        3.72137  (15091105)                401748.88
3781348.78        3.80915  (15091105)
        401768.88   3781348.78        3.89980  (15091105)                401788.88
3781348.78        3.99573  (15091105)
        401808.88   3781348.78        4.09382  (15091105)                401828.88
3781348.78        4.19616  (15091105)
        401848.88   3781348.78        4.31534  (13090623)                401868.88
3781348.78        4.44712  (13090623)
        401888.88   3781348.78        4.57278  (13090623)                401908.88
3781348.78        4.71241  (13090623)
        401928.88   3781348.78        4.85228  (13090623)                401948.88
3781348.78        4.99669  (13090623)
        401968.88   3781348.78        5.14784  (13090623)                401988.88
3781348.78        5.31242  (12101424)
        402008.88   3781348.78        5.48981  (15102324)                402028.88
3781348.78        5.67502  (15102324)
        402048.88   3781348.78        5.86218  (15102324)                402068.88
3781348.78        6.05194  (15102324)
        402088.88   3781348.78        6.24367  (15102324)                402108.88
3781348.78        6.45457  (15043006)
        402128.88   3781348.78        6.66019  (15043006)                402148.88
3781348.78        6.86162  (15043006)
↟ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                      ***       05:36:20

                                  PAGE 341
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    , L0000919
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, L0000920   , L0000921   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402168.88	3781348.78	7.06296	(16031706)	402188.88	3781348.78	7.27328	(16031706)
402208.88	3781348.78	7.47016	(16081403)	402228.88	3781348.78	7.66904	(16081403)
402248.88	3781348.78	7.85874	(16081403)	402268.88	3781348.78	8.09874	(14102506)
402288.88	3781348.78	8.35641	(14102506)	402308.88	3781348.78	8.59974	(14102506)
402328.88	3781348.78	8.83865	(14102506)	402348.88	3781348.78	9.06630	(14102506)
402368.88	3781348.78	9.27588	(14102506)	402388.88	3781348.78	9.46332	(14102506)
402408.88	3781348.78	9.64459	(14102506)	402428.88	3781348.78	9.82483	(14102506)
402448.88	3781348.78	9.96062	(14102506)	402468.88	3781348.78	10.07933	(14102506)
402488.88	3781348.78	10.17673	(14102506)	402508.88	3781348.78	10.43647	(14102506)
401308.88	3781368.78	2.59031	(15092103)	401328.88	3781368.78	2.62345	(15092103)
401348.88	3781368.78	2.65677	(15092103)	401368.88	3781368.78	2.69946	(14091604)
401388.88	3781368.78	2.73843	(14091604)	401408.88	3781368.78	2.77410	(14091604)
401428.88	3781368.78	2.81572	(14091604)	401448.88	3781368.78	2.86062	(14091604)
401468.88	3781368.78	2.90639	(14091604)	401488.88	3781368.78	2.94910	(14091604)
401508.88	3781368.78	2.99855	(15092106)	401528.88	3781368.78	3.04903	(15092106)
401548.88	3781368.78	3.11004	(15092106)	401568.88	3781368.78	3.16145	(15092106)
401588.88	3781368.78	3.21970	(15091204)	401608.88	3781368.78	3.28393	(15091204)
401628.88	3781368.78	3.35026	(15100821)	401648.88	3781368.78	3.42350	(15100821)
401668.88	3781368.78	3.49752	(15100821)	401688.88	3781368.78	3.57593	(15100821)

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        401708.88   3781368.78        3.65500  (15100821)               401728.88
3781368.78        3.74098  (15091105)
        401748.88   3781368.78        3.83136  (15091105)               401768.88
3781368.78        3.92680  (15091105)
        401788.88   3781368.78        4.02604  (15091105)               401808.88
3781368.78        4.12993  (15091105)
        401828.88   3781368.78        4.24229  (13090623)               401848.88
3781368.78        4.37042  (13090623)
        401868.88   3781368.78        4.50715  (13090623)               401888.88
3781368.78        4.64430  (13090623)
        401908.88   3781368.78        4.79187  (13090623)               401928.88
3781368.78        4.94204  (13090623)
        401948.88   3781368.78        5.09897  (13090623)               401968.88
3781368.78        5.26559  (12101424)
        401988.88   3781368.78        5.44845  (12110603)               402008.88
3781368.78        5.64517  (15102324)
        402028.88   3781368.78        5.84659  (15102324)               402048.88
3781368.78        6.05092  (15102324)
        402068.88   3781368.78        6.28225  (15043006)               402088.88
3781368.78        6.52700  (15043006)
        402108.88   3781368.78        6.77442  (15043006)               402128.88
3781368.78        7.01185  (15043006)
        402148.88   3781368.78        7.24387  (15043006)               402168.88
3781368.78        7.46973  (15043006)
        402188.88   3781368.78        7.67024  (16031706)               402208.88
3781368.78        7.89008  (16031706)
        402228.88   3781368.78        8.09787  (16031706)               402248.88
3781368.78        8.31839  (14102506)
        402268.88   3781368.78        8.59910  (14102506)               402288.88
3781368.78        8.86836  (14102506)
        402308.88   3781368.78        9.12623  (14102506)               402328.88
3781368.78        9.37221  (14102506)
        402348.88   3781368.78        9.61171  (14102506)               402368.88
3781368.78        9.81383  (14102506)
        402388.88   3781368.78       10.01179  (14102506)               402408.88
3781368.78       10.19623  (14102506)
        402428.88   3781368.78       10.37355  (14102506)               402448.88
3781368.78       10.53306  (14102506)
        402468.88   3781368.78       10.59615  (14102506)               402488.88
3781368.78       10.76332  (14102506)
        402508.88   3781368.78       10.96537  (14102506)               401308.88
3781388.78        2.58337  (15092103)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 342
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***

INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401328.88	3781388.78	2.61723	(15092103)	401348.88	3781388.78	2.65216	(15092103)
401368.88	3781388.78	2.69412	(14091604)	401388.88	3781388.78	2.73393	(14091604)
401408.88	3781388.78	2.77035	(14091604)	401428.88	3781388.78	2.81328	(14091604)
401448.88	3781388.78	2.85832	(14091604)	401468.88	3781388.78	2.90301	(14091604)
401488.88	3781388.78	2.94702	(14091604)	401508.88	3781388.78	2.99573	(14091604)
401528.88	3781388.78	3.04971	(15092106)	401548.88	3781388.78	3.11069	(15092106)
401568.88	3781388.78	3.16330	(15092106)	401588.88	3781388.78	3.22615	(15091204)
401608.88	3781388.78	3.29020	(15091204)	401628.88	3781388.78	3.35981	(15100821)
401648.88	3781388.78	3.43556	(15100821)	401668.88	3781388.78	3.50530	(15100821)
401688.88	3781388.78	3.58742	(15100821)	401708.88	3781388.78	3.67227	(15100821)
401728.88	3781388.78	3.75819	(15091105)	401748.88	3781388.78	3.85652	(15091105)
401768.88	3781388.78	3.95329	(15091105)	401788.88	3781388.78	4.05724	(15091105)
401808.88	3781388.78	4.16736	(15091105)	401828.88	3781388.78	4.28777	(13090623)
401848.88	3781388.78	4.42288	(13090623)	401868.88	3781388.78	4.57172	(13090623)
401888.88	3781388.78	4.71060	(13090623)	401908.88			

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3781388.78        4.87102  (13090623)
        401928.88   3781388.78        5.03957  (13090623)                401948.88
3781388.78        5.20780  (13090623)
        401968.88   3781388.78        5.39644  (12110603)                401988.88
3781388.78        5.60118  (15102324)
        402008.88   3781388.78        5.81760  (15043006)                402028.88
3781388.78        6.06653  (15043006)
        402048.88   3781388.78        6.32137  (15043006)                402068.88
3781388.78        6.59561  (15043006)
        402088.88   3781388.78        6.86781  (15043006)                402108.88
3781388.78        7.14950  (15043006)
        402128.88   3781388.78        7.42714  (15043006)                402148.88
3781388.78        7.69426  (15043006)
        402168.88   3781388.78        7.94781  (15120908)                402188.88
3781388.78        8.20212  (15120908)
        402208.88   3781388.78        8.42784  (15120908)                402228.88
3781388.78        8.68173  (15120908)
        402248.88   3781388.78        8.90984  (15120908)                402268.88
3781388.78        9.19131  (14102506)
        402288.88   3781388.78        9.48258  (14102506)                402308.88
3781388.78        9.75086  (14102506)
        402328.88   3781388.78       10.01155  (14102506)                402348.88
3781388.78       10.25131  (14102506)
        402368.88   3781388.78       10.45838  (14102506)                402388.88
3781388.78       10.66432  (14102506)
        402408.88   3781388.78       10.85897  (14102506)                402428.88
3781388.78       11.04715  (14102506)
        402448.88   3781388.78       11.22469  (14102506)                402468.88
3781388.78       11.25665  (14102506)
        402488.88   3781388.78       11.47225  (14102506)                402508.88
3781388.78       11.67873  (14102506)
        401308.88   3781408.78        2.57413  (15092103)                401328.88
3781408.78        2.60750  (15092103)
        401348.88   3781408.78        2.64372  (15092103)                401368.88
3781408.78        2.68893  (14091604)
        401388.88   3781408.78        2.72819  (14091604)                401408.88
3781408.78        2.76327  (14091604)
        401428.88   3781408.78        2.80783  (14091604)                401448.88
3781408.78        2.85414  (14091604)
        401468.88   3781408.78        2.90062  (14091604)                401488.88
3781408.78        2.94557  (14091604)
        401508.88   3781408.78        2.99822  (15092106)                401528.88
3781408.78        3.05042  (15092106)
        401548.88   3781408.78        3.11094  (15092106)                401568.88
3781408.78        3.16463  (15092106)
        401588.88   3781408.78        3.22973  (16102221)                401608.88
3781408.78        3.29848  (16102221)
        401628.88   3781408.78        3.37140  (15100821)                401648.88
3781408.78        3.44458  (15100821)
        401668.88   3781408.78        3.52142  (16102221)                401688.88
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
                                  INCLUDING SOURCE(S):   L0000894   , L0000895 , L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903 , L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911 , L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919 , L0000920   , L0000921   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        401708.88   3781408.78   3.68898 (16102221)   401728.88   3781408.78   3.78049 (16102221)
        401748.88   3781408.78   3.88012 (15091105)   401768.88   3781408.78   3.98331 (15091105)
        401788.88   3781408.78   4.09077 (15091105)   401808.88   3781408.78   4.20564 (15091105)
        401828.88   3781408.78   4.33664 (13090623)   401848.88   3781408.78   4.48055 (13090623)
        401868.88   3781408.78   4.63570 (13090623)   401888.88   3781408.78   4.79153 (13090623)
        401908.88   3781408.78   4.95899 (13090623)   401928.88   3781408.78   5.13977 (13090623)
        401948.88   3781408.78   5.32967 (12101424)   401968.88   3781408.78   5.54277 (12110603)
        401988.88   3781408.78   5.79537 (15043006)   402008.88   3781408.78   6.06012 (15043006)
        402028.88   3781408.78   6.34246 (15043006)   402048.88   3781408.78   6.63544 (15043006)
        402068.88   3781408.78   6.93937 (15043006)   402088.88   3781408.78   7.25489 (15043006)

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        402108.88   3781408.78        7.58646  (15043006)               402128.88
3781408.78        7.92740  (15120908)
        402148.88   3781408.78        8.24909  (15120908)               402168.88
3781408.78        8.54530  (15120908)
        402188.88   3781408.78        8.84137  (15120908)               402208.88
3781408.78        9.11036  (15120908)
        402228.88   3781408.78        9.39211  (15120908)               402248.88
3781408.78        9.64972  (15120908)
        402268.88   3781408.78        9.91782  (14102506)               402288.88
3781408.78       10.22456  (14102506)
        402308.88   3781408.78       10.50638  (14102506)               402328.88
3781408.78       10.77487  (14102506)
        402348.88   3781408.78       11.02143  (14102506)               402368.88
3781408.78       11.22749  (14102506)
        402388.88   3781408.78       11.44141  (14102506)               402408.88
3781408.78       11.64473  (14102506)
        402428.88   3781408.78       11.83783  (14102506)               402448.88
3781408.78       11.98852  (14102506)
        402468.88   3781408.78       12.05392  (14102506)               402488.88
3781408.78       12.27059  (14102506)
        402508.88   3781408.78       12.44628  (14102506)               401308.88
3781428.78        2.57029  (15092103)
        401328.88   3781428.78        2.60386  (15092103)               401348.88
3781428.78        2.63936  (15092103)
        401368.88   3781428.78        2.68394  (14091604)               401388.88
3781428.78        2.72000  (14091604)
        401408.88   3781428.78        2.75613  (14091604)               401428.88
3781428.78        2.79814  (14091604)
        401448.88   3781428.78        2.84849  (14091604)               401468.88
3781428.78        2.89609  (14091604)
        401488.88   3781428.78        2.94291  (14091604)               401508.88
3781428.78        2.99841  (15092106)
        401528.88   3781428.78        3.05080  (15092106)               401548.88
3781428.78        3.11093  (15091204)
        401568.88   3781428.78        3.17238  (16102221)               401588.88
3781428.78        3.23880  (16102221)
        401608.88   3781428.78        3.30937  (16102221)               401628.88
3781428.78        3.38233  (16102221)
        401648.88   3781428.78        3.45907  (16102221)               401668.88
3781428.78        3.53990  (16102221)
        401688.88   3781428.78        3.62204  (16102221)               401708.88
3781428.78        3.71083  (16102221)
        401728.88   3781428.78        3.80445  (15091105)               401748.88
3781428.78        3.90598  (16102221)
        401768.88   3781428.78        4.01431  (16102221)               401788.88
3781428.78        4.12804  (16102221)
        401808.88   3781428.78        4.24910  (16102221)               401828.88
3781428.78        4.38523  (13090623)
        401848.88   3781428.78        4.53630  (13090623)               401868.88
3781428.78        4.70050  (13090623)
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401888.88 3781428.78 4.86764 (13090623) 401908.88
3781428.78 5.04925 (13090623)
401928.88 3781428.78 5.24676 (12101424) 401948.88
3781428.78 5.47324 (15043006)
401968.88 3781428.78 5.74267 (15043006) 401988.88
3781428.78 6.03185 (15043006)
402008.88 3781428.78 6.32906 (15043006) 402028.88
3781428.78 6.65287 (15043006)
402048.88 3781428.78 6.99487 (15043006) 402068.88
3781428.78 7.34185 (15043006)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402088.88	3781428.78	7.72090	(15120908)	402108.88	3781428.78	8.13323	(15120908)
402128.88	3781428.78	8.53091	(15120908)	402148.88	3781428.78	8.92601	(15120908)
402168.88	3781428.78	9.28175	(15120908)	402188.88	3781428.78	9.61037	(15120908)
402208.88	3781428.78	9.94196	(15120908)	402228.88	3781428.78	10.25901	(15120908)
402248.88	3781428.78	10.55863	(15120908)	402268.88	3781428.78	10.85141	(15120908)
402288.88	3781428.78	11.12761	(14102506)	402308.88			

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3781428.78       11.43640  (14102506)
        402328.88   3781428.78       11.73039  (14102506)                402348.88
3781428.78       11.98006  (14102506)
        402368.88   3781428.78       12.19346  (14102506)                402388.88
3781428.78       12.42921  (14102506)
        402408.88   3781428.78       12.64569  (14102506)                402428.88
3781428.78       12.85079  (14102506)
        402448.88   3781428.78       13.00522  (14102506)                402468.88
3781428.78       13.02773  (14102506)
        402488.88   3781428.78       13.16988  (14102506)                402508.88
3781428.78       13.35699  (12022708)
        401308.88   3781448.78        2.56637  (15092103)                401328.88
3781448.78        2.60149  (15092103)
        401348.88   3781448.78        2.63632  (15092103)                401368.88
3781448.78        2.68001  (14091604)
        401388.88   3781448.78        2.71667  (14091604)                401408.88
3781448.78        2.75268  (14091604)
        401428.88   3781448.78        2.79686  (14091604)                401448.88
3781448.78        2.84403  (14091604)
        401468.88   3781448.78        2.89266  (14091604)                401488.88
3781448.78        2.93718  (14091604)
        401508.88   3781448.78        2.99568  (15092106)                401528.88
3781448.78        3.04930  (15092106)
        401548.88   3781448.78        3.11470  (16102221)                401568.88
3781448.78        3.17902  (16102221)
        401588.88   3781448.78        3.24653  (16102221)                401608.88
3781448.78        3.31867  (16102221)
        401628.88   3781448.78        3.39335  (16102221)                401648.88
3781448.78        3.47180  (16102221)
        401668.88   3781448.78        3.55478  (16102221)                401688.88
3781448.78        3.64254  (16102221)
        401708.88   3781448.78        3.73384  (16102221)                401728.88
3781448.78        3.83161  (16102221)
        401748.88   3781448.78        3.93755  (16102221)                401768.88
3781448.78        4.04983  (16102221)
        401788.88   3781448.78        4.17115  (16102221)                401808.88
3781448.78        4.29935  (16102221)
        401828.88   3781448.78        4.43914  (16102221)                401848.88
3781448.78        4.59652  (16102221)
        401868.88   3781448.78        4.76584  (13090623)                401888.88
3781448.78        4.94851  (16102221)
        401908.88   3781448.78        5.14983  (16102221)                401928.88
3781448.78        5.38000  (16102221)
        401948.88   3781448.78        5.64615  (15043006)                401968.88
3781448.78        5.95372  (15043006)
        401988.88   3781448.78        6.27919  (15043006)                402008.88
3781448.78        6.63212  (15043006)
        402028.88   3781448.78        7.01819  (15043006)                402048.88
3781448.78        7.42520  (15120908)
        402068.88   3781448.78        7.86600  (15120908)                402088.88
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3781448.78 8.32618 (15120908)
  402108.88 3781448.78 8.80703 (15120908) 402128.88
3781448.78 9.29952 (15120908)
  402148.88 3781448.78 9.77834 (15120908) 402168.88
3781448.78 10.19737 (15120908)
  402188.88 3781448.78 10.60305 (15120908) 402208.88
3781448.78 10.97807 (15120908)
  402228.88 3781448.78 11.36868 (15120908) 402248.88
3781448.78 11.72005 (15120908)
  402268.88 3781448.78 12.05896 (15120908) 402288.88
3781448.78 12.36835 (15120908)
  402308.88 3781448.78 12.60900 (14102506) 402328.88
3781448.78 12.92539 (14102506)
  402348.88 3781448.78 13.15841 (14102506) 402368.88
3781448.78 13.41895 (14102506)
  402388.88 3781448.78 13.66151 (14102506) 402408.88
3781448.78 13.88972 (14102506)
  402428.88 3781448.78 14.04629 (14102506) 402448.88
3781448.78 14.19281 (14102506)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
  L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
  L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
  L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402468.88	3781448.78	14.23558	(14102506)	402488.88	3781448.78	14.43920	(14102506)

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        402508.88   3781448.78       14.69278  (12022708)              401308.88
3781468.78        2.58502  (13051303)
        401328.88   3781468.78        2.59972  (15092103)              401348.88
3781468.78        2.63510  (15092103)
        401368.88   3781468.78        2.67627  (14091604)              401388.88
3781468.78        2.71515  (14091604)
        401408.88   3781468.78        2.75178  (14091604)              401428.88
3781468.78        2.79515  (14091604)
        401448.88   3781468.78        2.84293  (14091604)              401468.88
3781468.78        2.89066  (14091604)
        401488.88   3781468.78        2.93719  (14091604)              401508.88
3781468.78        2.99305  (15092106)
        401528.88   3781468.78        3.05213  (16102221)              401548.88
3781468.78        3.11901  (16102221)
        401568.88   3781468.78        3.18403  (16102221)              401588.88
3781468.78        3.25260  (16102221)
        401608.88   3781468.78        3.32649  (16102221)              401628.88
3781468.78        3.40256  (16102221)
        401648.88   3781468.78        3.48330  (16102221)              401668.88
3781468.78        3.56868  (16102221)
        401688.88   3781468.78        3.65733  (16102221)              401708.88
3781468.78        3.75341  (16102221)
        401728.88   3781468.78        3.85595  (16102221)              401748.88
3781468.78        3.96802  (16102221)
        401768.88   3781468.78        4.08698  (16102221)              401788.88
3781468.78        4.21429  (16102221)
        401808.88   3781468.78        4.35283  (16102221)              401828.88
3781468.78        4.50525  (16102221)
        401848.88   3781468.78        4.67212  (16102221)              401868.88
3781468.78        4.85102  (16102221)
        401888.88   3781468.78        5.05773  (16102221)              401908.88
3781468.78        5.28125  (16102221)
        401928.88   3781468.78        5.51836  (15043006)              401948.88
3781468.78        5.83428  (15043006)
        401968.88   3781468.78        6.18293  (15043006)              401988.88
3781468.78        6.56066  (15043006)
        402008.88   3781468.78        6.97314  (15043006)              402028.88
3781468.78        7.43871  (15120908)
        402048.88   3781468.78        7.94686  (15120908)              402068.88
3781468.78        8.48093  (15120908)
        402088.88   3781468.78        9.05648  (15120908)              402108.88
3781468.78        9.65250  (15120908)
        402128.88   3781468.78       10.25559  (15120908)              402148.88
3781468.78       10.82509  (15120908)
        402168.88   3781468.78       11.37432  (15120908)              402188.88
3781468.78       11.87019  (15120908)
        402208.88   3781468.78       12.30504  (15120908)              402228.88
3781468.78       12.78652  (15120908)
        402248.88   3781468.78       13.20454  (15120908)              402268.88
3781468.78       13.59559  (15120908)
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        402288.88   3781468.78       13.97155  (15120908)                402308.88
3781468.78       14.28203  (15120908)
        402328.88   3781468.78       14.54335  (15120908)                402348.88
3781468.78       14.74455  (14102506)
        402368.88   3781468.78       15.01955  (14102506)                402388.88
3781468.78       15.29120  (14102506)
        402408.88   3781468.78       15.51859  (14102506)                402428.88
3781468.78       15.66532  (14102506)
        402448.88   3781468.78       15.73308  (14102506)                402468.88
3781468.78       15.73259  (14102506)
        402488.88   3781468.78       15.99165  (12022708)                402508.88
3781468.78       16.28841  (12022708)
        401308.88   3781488.78        2.92510  (13051303)                401328.88
3781488.78        2.88611  (13051303)
        401348.88   3781488.78        2.89882  (13051303)                401368.88
3781488.78        2.71816  (13051303)
        401388.88   3781488.78        2.75502  (13051303)                401408.88
3781488.78        2.82747  (13051303)
        401428.88   3781488.78        2.79386  (14091604)                401448.88
3781488.78        2.84142  (14091604)
        401468.88   3781488.78        2.88977  (14091604)                401488.88
3781488.78        2.93686  (14091604)
        401508.88   3781488.78        2.99255  (16102221)                401528.88
3781488.78        3.05377  (16102221)
        401548.88   3781488.78        3.12184  (16102221)                401568.88
3781488.78        3.18783  (16102221)
        401588.88   3781488.78        3.25794  (16102221)                401608.88
3781488.78        3.33265  (16102221)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        05:36:20

                                  PAGE 346
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                                  INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401628.88	3781488.78	3.41006	(16102221)	401648.88	3781488.78	3.49210	(16102221)
401668.88	3781488.78	3.57893	(16102221)	401688.88	3781488.78	3.67151	(16102221)
401708.88	3781488.78	3.77076	(16102221)	401728.88	3781488.78	3.87630	(16102221)
401748.88	3781488.78	3.99119	(16102221)	401768.88	3781488.78	4.11709	(16102221)
401788.88	3781488.78	4.25235	(16102221)	401808.88	3781488.78	4.40060	(16102221)
401828.88	3781488.78	4.56409	(16102221)	401848.88	3781488.78	4.76655	(12022717)
401868.88	3781488.78	4.98039	(12022717)	401888.88	3781488.78	5.20067	(12022717)
401908.88	3781488.78	5.41657	(16102221)	401928.88	3781488.78	5.68494	(15043006)
401948.88	3781488.78	6.03943	(15043006)	401968.88	3781488.78	6.43546	(15043006)
401988.88	3781488.78	6.88179	(15043006)	402008.88	3781488.78	7.37530	(15120908)
402028.88	3781488.78	7.94415	(15120908)	402048.88	3781488.78	8.56664	(15120908)
402068.88	3781488.78	9.23613	(15120908)	402088.88	3781488.78	9.95001	(15120908)
402108.88	3781488.78	10.72182	(15120908)	402128.88	3781488.78	11.45735	(15120908)
402148.88	3781488.78	12.31658	(15120908)	402168.88	3781488.78	13.02065	(15120908)
402188.88	3781488.78	13.65324	(15120908)	402208.88	3781488.78	14.06014	(15120908)
402228.88	3781488.78	14.61302	(15120908)	402248.88	3781488.78	15.16133	(15120908)
402268.88	3781488.78	15.68525	(15120908)	402288.88	3781488.78	16.23198	(15120908)
402308.88	3781488.78	16.55839	(15120908)	402328.88	3781488.78	16.87505	(15120908)
402348.88	3781488.78	17.09367	(15120908)	402368.88	3781488.78	17.36396	(15120908)
402388.88	3781488.78	17.65316	(15120908)	402408.88	3781488.78	17.81673	(13032507)
402428.88	3781488.78	17.86403	(14102506)	402448.88	3781488.78	17.97886	(14102506)
402468.88	3781488.78	18.12353	(12022708)	402488.88			

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3781488.78       18.20934  (12022708)
        402508.88   3781488.78       18.72636  (12022708)                401308.88
3781508.78        3.14049  (13051303)
        401328.88   3781508.78        3.12729  (13051303)                401348.88
3781508.78        3.16438  (13051303)
        401368.88   3781508.78        3.05719  (13051303)                401388.88
3781508.78        3.06854  (13051303)
        401408.88   3781508.78        3.14367  (13051303)                401428.88
3781508.78        3.16268  (13051303)
        401448.88   3781508.78        3.06317  (13051303)                401468.88
3781508.78        2.90007  (13100421)
        401488.88   3781508.78        2.98146  (13051303)                401508.88
3781508.78        2.99044  (16102221)
        401528.88   3781508.78        3.05191  (16102221)                401548.88
3781508.78        3.12291  (16102221)
        401568.88   3781508.78        3.19010  (16102221)                401588.88
3781508.78        3.26157  (16102221)
        401608.88   3781508.78        3.33677  (16102221)                401628.88
3781508.78        3.41570  (16102221)
        401648.88   3781508.78        3.49926  (16102221)                401668.88
3781508.78        3.58812  (16102221)
        401688.88   3781508.78        3.68242  (16102221)                401708.88
3781508.78        3.78517  (16102221)
        401728.88   3781508.78        3.89760  (16102221)                401748.88
3781508.78        4.01303  (16102221)
        401768.88   3781508.78        4.14469  (16102221)                401788.88
3781508.78        4.28473  (16102221)
        401808.88   3781508.78        4.43990  (16102221)                401828.88
3781508.78        4.67007  (12022717)
        401848.88   3781508.78        4.93704  (12022717)                401868.88
3781508.78        5.21355  (12022717)
        401888.88   3781508.78        5.49873  (12022717)                401908.88
3781508.78        5.78722  (12022717)
        401928.88   3781508.78        6.06009  (12022717)                401948.88
3781508.78        6.35338  (12022717)
        401968.88   3781508.78        6.69750  (15043006)                401988.88
3781508.78        7.22300  (15120908)
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                                    INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                 L0000899    , L0000900    , L0000901    , L0000902    , L0000903
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, L0000904    , L0000905    , L0000906    ,
                L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        402008.88   3781508.78        7.83482  (15120908)               402028.88
3781508.78        8.52850  (15120908)
        402048.88   3781508.78        9.30478  (15120908)               402068.88
3781508.78       10.17932  (15120908)
        402088.88   3781508.78       11.11632  (15120908)               402108.88
3781508.78       12.10898  (15120908)
        402128.88   3781508.78       13.11696  (15120908)               402148.88
3781508.78       14.16985  (15120908)
        402168.88   3781508.78       15.05438  (15120908)               402188.88
3781508.78       15.88396  (15120908)
        402208.88   3781508.78       16.43898  (15120908)               402228.88
3781508.78       17.16939  (15120908)
        402248.88   3781508.78       17.86715  (15120908)               402268.88
3781508.78       18.51546  (15120908)
        402288.88   3781508.78       19.20845  (15120908)               402308.88
3781508.78       19.83488  (15120908)
        402328.88   3781508.78       20.18942  (15120908)               402348.88
3781508.78       20.58483  (15120908)
        402368.88   3781508.78       20.96403  (15120908)               402388.88
3781508.78       21.19379  (15120908)
        402408.88   3781508.78       21.33882  (15120908)               402428.88
3781508.78       21.22230  (12022708)
        402448.88   3781508.78       21.27587  (12022708)               402468.88
3781508.78       21.48055  (12022708)
        402488.88   3781508.78       21.55061  (12022708)               402508.88
3781508.78       21.91405  (12022708)
        401308.88   3781528.78        3.34975  (13051303)               401328.88
3781528.78        3.37384  (13051303)
        401348.88   3781528.78        3.43016  (13051303)               401368.88
3781528.78        3.37174  (13051303)
        401388.88   3781528.78        3.32948  (13051303)               401408.88
3781528.78        3.42157  (13051303)
        401428.88   3781528.78        3.45034  (13051303)               401448.88
3781528.78        3.36530  (13051303)
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        401468.88   3781528.78        3.27897  (13051303)               401488.88
3781528.78        3.31243  (13051303)
        401508.88   3781528.78        3.10245  (13100421)               401528.88
3781528.78        3.06385  (13100421)
        401548.88   3781528.78        3.12238  (16102221)               401568.88
3781528.78        3.19019  (16102221)
        401588.88   3781528.78        3.26217  (16102221)               401608.88
3781528.78        3.33929  (16102221)
        401628.88   3781528.78        3.41934  (16102221)               401648.88
3781528.78        3.50417  (16102221)
        401668.88   3781528.78        3.59483  (16102221)               401688.88
3781528.78        3.69178  (16102221)
        401708.88   3781528.78        3.79691  (16102221)               401728.88
3781528.78        3.91216  (16102221)
        401748.88   3781528.78        4.03172  (16102221)               401768.88
3781528.78        4.16735  (16102221)
        401788.88   3781528.78        4.31748  (16102221)               401808.88
3781528.78        4.48202  (16102221)
        401828.88   3781528.78        4.69248  (12022717)               401848.88
3781528.78        5.01094  (12022717)
        401868.88   3781528.78        5.35187  (12022717)               401888.88
3781528.78        5.71005  (12022717)
        401908.88   3781528.78        6.08304  (12022717)               401928.88
3781528.78        6.48217  (12022717)
        401948.88   3781528.78        6.89969  (12022717)               401968.88
3781528.78        7.32377  (12022717)
        401988.88   3781528.78        7.76309  (12022717)               402008.88
3781528.78        8.35294  (15120908)
        402028.88   3781528.78        9.21020  (15120908)               402048.88
3781528.78       10.20309  (15120908)
        402068.88   3781528.78       11.36152  (15120908)               402088.88
3781528.78       12.64898  (15120908)
        402108.88   3781528.78       14.05120  (15120908)               402128.88
3781528.78       15.47656  (15120908)
        402148.88   3781528.78       16.82212  (15120908)               402168.88
3781528.78       18.00420  (15120908)
        402188.88   3781528.78       19.07198  (15120908)               402208.88
3781528.78       19.89654  (15120908)
        402228.88   3781528.78       21.00233  (15120908)               402248.88
3781528.78       22.06212  (15120908)
        402268.88   3781528.78       23.14605  (15120908)               402288.88
3781528.78       24.22023  (15120908)
        402308.88   3781528.78       25.00598  (15120908)               402328.88
3781528.78       25.63368  (15120908)
        402348.88   3781528.78       26.81424  (15120908)               402368.88
3781528.78       26.73166  (15120908)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402388.88	3781528.78	27.19699	(12031616)	402408.88	3781528.78	28.33638	(12031616)
402428.88	3781528.78	29.08713	(12031616)	402448.88	3781528.78	29.40767	(12031616)
402468.88	3781528.78	32.28809	(12031616)	402488.88	3781528.78	31.87378	(12031616)
402508.88	3781528.78	28.87462	(12031616)	401308.88	3781548.78	3.59322	(13051303)
401328.88	3781548.78	3.69501	(13051303)	401348.88	3781548.78	3.70574	(13051303)
401368.88	3781548.78	3.65520	(13051303)	401388.88	3781548.78	3.60948	(13051303)
401408.88	3781548.78	3.70519	(13051303)	401428.88	3781548.78	3.75292	(13051303)
401448.88	3781548.78	3.70495	(13051303)	401468.88	3781548.78	3.60692	(13051303)
401488.88	3781548.78	3.66362	(13051303)	401508.88	3781548.78	3.34529	(13100421)
401528.88	3781548.78	3.40442	(13100421)	401548.88	3781548.78	3.12013	(16102221)
401568.88	3781548.78	3.18874	(16102221)	401588.88	3781548.78	3.26090	(16102221)
401608.88	3781548.78	3.33709	(16102221)	401628.88	3781548.78	3.41880	(16102221)
401648.88	3781548.78	3.50647	(16102221)	401668.88			

3781548.78 3.59924 (16102221)
401688.88 3781548.78 3.70354 (12120215) 401708.88
3781548.78 3.87580 (12120215)
401728.88 3781548.78 4.06019 (12120215) 401748.88
3781548.78 4.25834 (12120215)
401768.88 3781548.78 4.47221 (12120215) 401788.88
3781548.78 4.70287 (12120215)
401808.88 3781548.78 4.95207 (12120215) 401828.88
3781548.78 5.22233 (12120215)
401848.88 3781548.78 5.51545 (12120215) 401868.88
3781548.78 5.83347 (12120215)
401888.88 3781548.78 6.18003 (12120215) 401908.88
3781548.78 6.55568 (12120215)
401928.88 3781548.78 6.96772 (12120215) 401948.88
3781548.78 7.41714 (12120215)
401968.88 3781548.78 7.90887 (12120215) 401988.88
3781548.78 8.50780 (12022717)
402008.88 3781548.78 9.16898 (12022717) 402028.88
3781548.78 10.01145 (15120908)
402048.88 3781548.78 11.32305 (15120908) 402068.88
3781548.78 12.88947 (15120908)
402088.88 3781548.78 14.72512 (15120908) 402108.88
3781548.78 16.88113 (15120908)
402128.88 3781548.78 19.06549 (15120908) 402148.88
3781548.78 21.10129 (15120908)
402168.88 3781548.78 22.85925 (15120908) 402188.88
3781548.78 24.17176 (15120908)
402208.88 3781548.78 25.30161 (15120908) 402228.88
3781548.78 26.83595 (15120908)
402248.88 3781548.78 28.49853 (15120908) 402268.88
3781548.78 30.58808 (15120908)
402288.88 3781548.78 32.91586 (15120908) 402308.88
3781548.78 34.46465 (15120908)
402328.88 3781548.78 35.83533 (15120908) 402348.88
3781548.78 42.06041 (12031616)
402368.88 3781548.78 41.21660 (12031616) 402388.88
3781548.78 43.40524 (12031616)
402408.88 3781548.78 43.94229 (12031616) 402428.88
3781548.78 44.04055 (12031616)
402448.88 3781548.78 43.52040 (12031616) 402468.88
3781548.78 45.08811 (12031616)
402488.88 3781548.78 53.21112 (12031616) 402508.88
3781548.78 43.68808 (12031616)
401308.88 3781568.78 3.88860 (13051303) 401328.88
3781568.78 4.06259 (13051303)
401348.88 3781568.78 4.03952 (13051303) 401368.88
3781568.78 3.95223 (13051303)
401388.88 3781568.78 3.96002 (13051303) 401408.88
3781568.78 3.98381 (13051303)
401428.88 3781568.78 4.03368 (13051303) 401448.88

3781568.78 3.99201 (13051303)
  401468.88 3781568.78 3.93063 (13051303) 401488.88
3781568.78 3.94535 (13100421)
  401508.88 3781568.78 3.69941 (13100421) 401528.88
3781568.78 3.69084 (13100421)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
  L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
  L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
  L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
  **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401548.88	3781568.78	3.44080	(13100421)	401568.88	3781568.78	3.44333	(13100421)
401588.88	3781568.78	3.40620	(13100421)	401608.88	3781568.78	3.49340	(12120215)
401628.88	3781568.78	3.65390	(12120215)	401648.88	3781568.78	3.82615	(12120215)
401668.88	3781568.78	4.00850	(12120215)	401688.88	3781568.78	4.20724	(12120215)
401708.88	3781568.78	4.42191	(12120215)	401728.88	3781568.78	4.65914	(12120215)
401748.88	3781568.78	4.90970	(12120215)	401768.88	3781568.78	5.18966	(12120215)
401788.88	3781568.78	5.49388	(12120215)	401808.88	3781568.78	5.82571	(12120215)
401828.88	3781568.78	6.19050	(12120215)	401848.88	3781568.78	6.59279	(12120215)

401868.88 3781568.78 7.03668 (12120215) 401888.88
3781568.78 7.53393 (12120215)
401908.88 3781568.78 8.07061 (12120215) 401928.88
3781568.78 8.67559 (12120215)
401948.88 3781568.78 9.37966 (12120215) 401968.88
3781568.78 10.16788 (12120215)
401988.88 3781568.78 11.06135 (12120215) 402008.88
3781568.78 12.06961 (12120215)
402028.88 3781568.78 13.25678 (12120215) 402048.88
3781568.78 14.64800 (12120215)
402068.88 3781568.78 16.06965 (12120215) 402088.88
3781568.78 17.77643 (15120908)
402108.88 3781568.78 21.40090 (15120908) 402128.88
3781568.78 25.31487 (15120908)
402148.88 3781568.78 28.90882 (15120908) 402168.88
3781568.78 31.63927 (15120908)
402188.88 3781568.78 33.61183 (15120908) 402208.88
3781568.78 34.92500 (15120908)
402228.88 3781568.78 37.36017 (15120908) 402248.88
3781568.78 40.69961 (15120908)
402268.88 3781568.78 46.19980 (15120908) 402288.88
3781568.78 53.16216 (15120908)
402308.88 3781568.78 59.55860 (12031616) 402328.88
3781568.78 70.71064 (12031616)
402348.88 3781568.78 82.68161 (12031616) 402368.88
3781568.78 78.57141 (12031616)
402388.88 3781568.78 78.85030 (12031616) 402408.88
3781568.78 79.32061 (12031616)
402428.88 3781568.78 82.34416 (12031616) 402448.88
3781568.78 78.91629 (12031616)
402468.88 3781568.78 76.90388 (12031616) 402488.88
3781568.78 88.10521 (12120116)
402508.88 3781568.78 90.93939 (12120116) 401308.88
3781588.78 4.26745 (13051303)
401328.88 3781588.78 4.34152 (13051303) 401348.88
3781588.78 4.42102 (13051303)
401368.88 3781588.78 4.23146 (13051303) 401388.88
3781588.78 4.25799 (13100421)
401408.88 3781588.78 4.47446 (13051303) 401428.88
3781588.78 4.46638 (13051303)
401448.88 3781588.78 4.40186 (13100421) 401468.88
3781588.78 4.29431 (13100421)
401488.88 3781588.78 4.48081 (13100421) 401508.88
3781588.78 4.20104 (13100421)
401528.88 3781588.78 4.09231 (13100421) 401548.88
3781588.78 3.88921 (13100421)
401568.88 3781588.78 3.93682 (13100421) 401588.88
3781588.78 3.95966 (13100421)
401608.88 3781588.78 3.86784 (12120215) 401628.88
3781588.78 4.05647 (12120215)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401928.88	3781588.78	10.57772	(12120215)	401948.88	3781588.78	11.59670	(12120215)
401968.88	3781588.78	12.78531	(12120215)	401988.88	3781588.78	14.17793	(12120215)
402008.88	3781588.78	15.88257	(12120215)	402028.88	3781588.78	17.97962	(12120215)
402048.88	3781588.78	20.56471	(12120215)	402068.88			

```
3781588.78       23.99404  (12120215)
        402088.88   3781588.78       28.35926  (12120215)                402108.88
3781588.78       33.69428  (12120215)
        402128.88   3781588.78       40.40774  (12120215)                402148.88
3781588.78       48.27823  (15120908)
        402168.88   3781588.78       53.82313  (15120908)                402188.88
3781588.78       56.42983  (15120908)
        402208.88   3781588.78       58.75213  (12031616)                402228.88
3781588.78       65.14916  (12120215)
        402248.88   3781588.78       76.52416  (12033117)                402268.88
3781588.78      101.36135  (12031615)
        402288.88   3781588.78      130.83424  (12033117)                402308.88
3781588.78      143.05351  (12120116)
        402328.88   3781588.78      138.32209  (12033117)                402348.88
3781588.78      140.41398  (12033117)
        402368.88   3781588.78      139.74681  (12033117)                402388.88
3781588.78      135.01652  (12033117)
        402408.88   3781588.78      144.94007  (12033117)                402428.88
3781588.78      130.72914  (12033117)
        402448.88   3781588.78      137.22652  (12043018)                402468.88
3781588.78      133.30042  (12043018)
        402488.88   3781588.78      140.60794  (12043018)                402508.88
3781588.78      138.42471  (12043018)
        401308.88   3781608.78        4.53776  (12010423)                401328.88
3781608.78        4.63133  (12010423)
        401348.88   3781608.78        4.69781  (12010423)                401368.88
3781608.78        4.58860  (12010423)
        401388.88   3781608.78        4.72371  (12010423)                401408.88
3781608.78        4.82699  (12010423)
        401428.88   3781608.78        4.79465  (13100421)                401448.88
3781608.78        4.64821  (13100421)
        401468.88   3781608.78        4.62876  (13100421)                401488.88
3781608.78        4.77974  (13100421)
        401508.88   3781608.78        4.57143  (13100421)                401528.88
3781608.78        4.56621  (13100421)
        401548.88   3781608.78        4.27908  (13100421)                401568.88
3781608.78        4.27676  (13100421)
        401588.88   3781608.78        4.29543  (13100421)                401608.88
3781608.78        4.26853  (12033117)
        401628.88   3781608.78        4.51198  (12033117)                401648.88
3781608.78        4.77570  (12033117)
        401668.88   3781608.78        5.07107  (12033117)                401688.88
3781608.78        5.37469  (12033117)
        401708.88   3781608.78        5.70977  (12033117)                401728.88
3781608.78        6.07973  (12033117)
        401748.88   3781608.78        6.48921  (12033117)                401768.88
3781608.78        6.94609  (12033117)
        401788.88   3781608.78        7.45655  (12033117)                401808.88
3781608.78        8.02915  (12033117)
        401828.88   3781608.78        8.67027  (12033117)                401848.88
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3781608.78   9.40282 (12033117)
        401868.88   3781608.78   10.22347 (12033117)   401888.88
3781608.78   11.18992 (12033117)
        401908.88   3781608.78   12.30338 (12033117)   401928.88
3781608.78   13.51307 (12033117)
        401948.88   3781608.78   15.04715 (12033117)   401968.88
3781608.78   16.86908 (12033117)
        401988.88   3781608.78   19.20602 (12033117)   402008.88
3781608.78   22.06382 (12033117)
        402028.88   3781608.78   25.76507 (12033117)   402048.88
3781608.78   31.01554 (12033117)
        402068.88   3781608.78   38.93196 (12033117)   402088.88
3781608.78   50.82930 (12033117)
        402108.88   3781608.78   73.14438 (12033117)   402128.88
3781608.78   101.66627 (12033117)
        402148.88   3781608.78   134.24897 (12033117)   402168.88
3781608.78   141.08172 (12033117)
        402188.88   3781608.78   136.97611 (12033117)   402208.88
3781608.78   144.90952 (12033117)
        402228.88   3781608.78   149.56603 (12033117)   402248.88
3781608.78   139.35358 (15120908)
        402268.88   3781608.78   106.57732 (12043018)   402288.88
3781608.78   86.37515 (12121716)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
                                 INCLUDING SOURCE(S):   L0000894   , L0000895 , L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903 , L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911 , L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919 , L0000920   , L0000921   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)

- -
402308.88 3781608.78 64.73540 (12043018) 402328.88
3781608.78 59.13195 (12033117)
402348.88 3781608.78 67.03804 (12121716) 402368.88
3781608.78 64.88188 (12033117)
402388.88 3781608.78 67.26706 (12121716) 402408.88
3781608.78 69.80028 (12121716)
402428.88 3781608.78 70.80535 (12121716) 402448.88
3781608.78 70.99279 (12121716)
402468.88 3781608.78 71.14934 (12043018) 402488.88
3781608.78 71.64154 (12121716)
402508.88 3781608.78 71.69660 (12043018) 401308.88
3781628.78 4.77322 (15063020)
401328.88 3781628.78 4.86606 (15063020) 401348.88
3781628.78 4.93861 (15063020)
401368.88 3781628.78 4.92625 (12010423) 401388.88
3781628.78 5.00353 (12010423)
401408.88 3781628.78 5.08822 (12010423) 401428.88
3781628.78 5.05957 (12010423)
401448.88 3781628.78 5.01446 (13100421) 401468.88
3781628.78 4.92300 (13100421)
401488.88 3781628.78 5.03744 (13100421) 401508.88
3781628.78 4.76329 (13100421)
401528.88 3781628.78 4.85503 (13100421) 401548.88
3781628.78 4.56557 (13100421)
401568.88 3781628.78 4.59775 (13100421) 401588.88
3781628.78 4.72153 (12033117)
401608.88 3781628.78 4.99185 (12033117) 401628.88
3781628.78 5.29373 (12033117)
401648.88 3781628.78 5.61437 (12033117) 401668.88
3781628.78 5.96321 (12033117)
401688.88 3781628.78 6.34249 (12033117) 401708.88
3781628.78 6.76821 (12033117)
401728.88 3781628.78 7.23663 (12033117) 401748.88
3781628.78 7.76547 (12033117)
401768.88 3781628.78 8.35589 (12033117) 401788.88
3781628.78 9.02230 (12033117)
402128.88 3781628.78 133.17885 (12031615) 402148.88
3781628.78 94.24094 (12033117)
402168.88 3781628.78 88.82970 (12033117) 402188.88
3781628.78 83.70099 (12033117)
402208.88 3781628.78 74.74549 (12033117) 402228.88
3781628.78 65.67667 (12071919)
402248.88 3781628.78 59.82866 (12121716) 402268.88
3781628.78 53.23164 (12121716)
402288.88 3781628.78 45.72452 (12121716) 402308.88
3781628.78 36.54210 (12043018)
402328.88 3781628.78 34.50625 (12043018) 402348.88
3781628.78 41.83276 (12071919)

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        402368.88   3781628.78       40.45835  (12071919)                402388.88
3781628.78       35.29665  (12071919)
        402408.88   3781628.78       34.90380  (12071919)                402428.88
3781628.78       42.13547  (12071919)
        402448.88   3781628.78       42.70617  (12071919)                402468.88
3781628.78       43.46978  (12071919)
        402488.88   3781628.78       44.34337  (12071919)                402508.88
3781628.78       44.03607  (12071919)
        401308.88   3781648.78        5.17307  (15063020)                401328.88
3781648.78        5.20656  (15063020)
        401348.88   3781648.78        5.28279  (15063020)                401368.88
3781648.78        5.34466  (15063020)
        401388.88   3781648.78        5.31215  (15063020)                401408.88
3781648.78        5.29198  (15063020)
        401428.88   3781648.78        5.30949  (15071823)                401448.88
3781648.78        5.33742  (15071823)
        401468.88   3781648.78        5.29981  (15071823)                401488.88
3781648.78        5.24376  (15071823)
        401508.88   3781648.78        5.12497  (15071823)                401528.88
3781648.78        4.98822  (15071823)
        401548.88   3781648.78        4.87634  (12033117)                401568.88
3781648.78        5.14849  (12033117)
        401588.88   3781648.78        5.44144  (12033117)                401608.88
3781648.78        5.76146  (12033117)
        401628.88   3781648.78        6.09746  (12033117)                401648.88
3781648.78        6.47605  (12033117)
        401668.88   3781648.78        6.88910  (12033117)                401688.88
3781648.78        7.33675  (12033117)
        401708.88   3781648.78        7.84779  (12033117)                401728.88
3781648.78        8.40600  (12033117)
        401748.88   3781648.78        9.05082  (12033117)                401768.88
3781648.78        9.75564  (12033117)
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                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                                    INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401788.88	3781648.78	10.57067	(12033117)	402108.88	3781648.78	111.47307	(15120908)
402128.88	3781648.78	70.07304	(15120908)	402148.88	3781648.78	48.58588	(12033117)
402168.88	3781648.78	42.73137	(12033117)	402188.88	3781648.78	38.12846	(12033117)
402208.88	3781648.78	37.88931	(12071919)	402228.88	3781648.78	38.53006	(12071919)
402248.88	3781648.78	39.02349	(12071919)	402268.88	3781648.78	31.36272	(12121716)
402288.88	3781648.78	27.26020	(12121716)	402308.88	3781648.78	26.30829	(12121716)
402328.88	3781648.78	28.25389	(12121716)	402348.88	3781648.78	28.29201	(12071919)
402368.88	3781648.78	27.89282	(12071919)	402388.88	3781648.78	25.55490	(15120908)
402408.88	3781648.78	24.93766	(15120908)	402428.88	3781648.78	26.71984	(12071919)
402448.88	3781648.78	27.32648	(12071919)	402468.88	3781648.78	28.21596	(12071919)
402488.88	3781648.78	28.95733	(12071919)	402508.88	3781648.78	29.83907	(12071919)
401308.88	3781668.78	5.47958	(15063020)	401328.88	3781668.78	5.56539	(15063020)
401348.88	3781668.78	5.65430	(15063020)	401368.88	3781668.78	5.73884	(15063020)
401388.88	3781668.78	5.74457	(15063020)	401408.88	3781668.78	5.68540	(15063020)
401428.88	3781668.78	5.66639	(15063020)	401448.88	3781668.78	5.64620	(15071823)
401468.88	3781668.78	5.59033	(15071823)	401488.88	3781668.78	5.54000	(15071823)
401508.88	3781668.78	5.43244	(15071823)	401528.88	3781668.78	5.40161	(15071823)
401548.88	3781668.78	5.50890	(12033117)	401568.88	3781668.78	5.82107	(12033117)
401588.88	3781668.78	6.14930	(12033117)	401608.88	3781668.78	6.51401	(12033117)
401628.88	3781668.78	6.87851	(12033117)	401648.88			

3781668.78 7.29919 (12033117)
  401668.88 3781668.78 7.77643 (12033117) 401688.88
3781668.78 8.28047 (12033117)
  401708.88 3781668.78 8.88104 (12033117) 401728.88
3781668.78 9.49569 (12033117)
  401748.88 3781668.78 10.24895 (12033117) 401768.88
3781668.78 11.05153 (12033117)
  401788.88 3781668.78 11.92838 (12033117) 402108.88
3781668.78 102.00785 (12031615)
  402128.88 3781668.78 50.29755 (12121716) 402148.88
3781668.78 35.42514 (12121716)
  402168.88 3781668.78 29.48782 (15120908) 402188.88
3781668.78 27.41004 (15120908)
  402208.88 3781668.78 26.33274 (15120908) 402228.88
3781668.78 25.67610 (15120908)
  402248.88 3781668.78 25.34768 (12071919) 402268.88
3781668.78 21.79558 (12071919)
  402288.88 3781668.78 19.96458 (12071919) 402308.88
3781668.78 19.08241 (12121716)
  402328.88 3781668.78 21.57897 (12071919) 402348.88
3781668.78 21.83766 (12071919)
  402368.88 3781668.78 21.51621 (15120908) 402388.88
3781668.78 21.23116 (15120908)
  402408.88 3781668.78 20.39708 (15120908) 402428.88
3781668.78 21.01863 (15120908)
  402448.88 3781668.78 21.18114 (12022708) 402468.88
3781668.78 21.43851 (12022708)
  402488.88 3781668.78 21.59540 (12022708) 402508.88
3781668.78 21.85999 (12022708)
  401308.88 3781688.78 5.57393 (15063020) 401328.88
3781688.78 5.67610 (15063020)
  401348.88 3781688.78 5.75302 (15063020) 401368.88
3781688.78 5.84827 (15063020)
  401388.88 3781688.78 5.86531 (15063020) 401408.88
3781688.78 5.81263 (16062001)
  401428.88 3781688.78 5.73342 (16062001) 401448.88
3781688.78 5.70420 (16062001)
  401468.88 3781688.78 5.69048 (12100121) 401488.88
3781688.78 5.68071 (12100121)
  401508.88 3781688.78 5.60263 (12100121) 401528.88
3781688.78 5.78516 (12033117)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: TRUCK   ***
                                INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401548.88   3781688.78   6.09189 (12033117)   401568.88
3781688.78   6.42092 (12033117)
        401588.88   3781688.78   6.77103 (12033117)   401608.88
3781688.78   7.15425 (12033117)
        401628.88   3781688.78   7.56587 (12033117)   401648.88
3781688.78   8.02153 (12033117)
        401668.88   3781688.78   8.51176 (12033117)   401688.88
3781688.78   9.05895 (12033117)
        401708.88   3781688.78   9.67752 (12033117)   401728.88
3781688.78   10.36195 (12033117)
        401748.88   3781688.78   11.17286 (12033117)   401768.88
3781688.78   11.99526 (12033117)
        401788.88   3781688.78   12.86708 (12033117)   402088.88
3781688.78   92.69588 (15120908)
        402108.88   3781688.78   60.31208 (12071919)   402128.88
3781688.78   38.46273 (12071919)
        402148.88   3781688.78   28.41470 (12071919)   402168.88
3781688.78   23.35497 (12071919)
        402188.88   3781688.78   21.67826 (15120908)   402208.88
3781688.78   20.92028 (15120908)
        402228.88   3781688.78   20.16137 (15120908)   402248.88
3781688.78   19.00440 (15120908)
        402268.88   3781688.78   18.39885 (15120908)   402288.88
3781688.78   15.75889 (15120908)
        402308.88   3781688.78   15.77310 (15120908)   402328.88
3781688.78   16.71598 (15120908)
        402348.88   3781688.78   17.59803 (15120908)   402368.88
3781688.78   18.03461 (15120908)
        402388.88   3781688.78   17.61540 (15120908)   402408.88
3781688.78   17.44428 (14102506)

```
        402428.88   3781688.78       17.61526  (14102506)               402448.88
3781688.78       17.76127  (12022708)
        402468.88   3781688.78       17.97751  (12022708)               402488.88
3781688.78       18.15892  (12022708)
        402508.88   3781688.78       18.32313  (12022708)               401308.88
3781708.78        6.03136  (16062001)
        401328.88   3781708.78        6.18103  (16062001)               401348.88
3781708.78        6.27252  (16062001)
        401368.88   3781708.78        6.37455  (16062001)               401388.88
3781708.78        6.40955  (16062001)
        401408.88   3781708.78        6.43412  (16062001)               401428.88
3781708.78        6.46214  (16062001)
        401448.88   3781708.78        6.42576  (16062001)               401468.88
3781708.78        6.39741  (16062001)
        401488.88   3781708.78        6.28434  (16062001)               401508.88
3781708.78        6.21508  (12100121)
        401528.88   3781708.78        6.26472  (12033117)               401548.88
3781708.78        6.56720  (12033117)
        401568.88   3781708.78        6.90304  (12033117)               401588.88
3781708.78        7.25871  (12033117)
        401608.88   3781708.78        7.65675  (12033117)               401628.88
3781708.78        8.09351  (12033117)
        401648.88   3781708.78        8.56183  (12033117)               401668.88
3781708.78        9.08996  (12033117)
        401688.88   3781708.78        9.59043  (12033117)               401708.88
3781708.78       10.24094  (12033117)
        401728.88   3781708.78       10.86440  (12033117)               401748.88
3781708.78       11.64087  (12033117)
        401768.88   3781708.78       12.43356  (12033117)               401788.88
3781708.78       13.20230  (12033117)
        402088.88   3781708.78       53.92047  (15022217)               402108.88
3781708.78       38.22816  (12071919)
        402128.88   3781708.78       29.37342  (12071919)               402148.88
3781708.78       24.69270  (12071919)
        402168.88   3781708.78       20.64438  (12071919)               402188.88
3781708.78       17.76532  (12071919)
        402208.88   3781708.78       17.27093  (15120908)               402228.88
3781708.78       16.45212  (15120908)
        402248.88   3781708.78       14.75956  (15120908)               402268.88
3781708.78       15.87854  (15120908)
        402288.88   3781708.78       13.63240  (14102506)               402308.88
3781708.78       13.31044  (14102506)
        402328.88   3781708.78       13.76281  (14102506)               402348.88
3781708.78       15.21804  (15120908)
        402368.88   3781708.78       15.50753  (14102506)               402388.88
3781708.78       15.09993  (14102506)
        402408.88   3781708.78       15.36522  (14102506)               402428.88
3781708.78       15.36342  (14102506)
        402448.88   3781708.78       15.41158  (14102506)               402468.88
3781708.78       15.58750  (14102506)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
INCLUDING SOURCE(S):   L0000894   , L0000895   , L0000896   , L0000897   , L0000898   ,
L0000899   , L0000900   , L0000901   , L0000902   , L0000903   , L0000904   , L0000905   , L0000906   ,
L0000907   , L0000908   , L0000909   , L0000910   , L0000911   , L0000912   , L0000913   , L0000914   ,
L0000915   , L0000916   , L0000917   , L0000918   , L0000919   , L0000920   , L0000921   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402488.88	3781708.78	15.70663	(12022708)	402508.88	3781708.78	15.81720	(12022708)
401308.88	3781728.78	6.14581	(16062001)	401328.88	3781728.78	6.25545	(16062001)
401348.88	3781728.78	6.31869	(16062001)	401368.88	3781728.78	6.39571	(16062001)
401388.88	3781728.78	6.45640	(16062001)	401408.88	3781728.78	6.47423	(16062001)
401428.88	3781728.78	6.48140	(16062001)	401448.88	3781728.78	6.46226	(16062001)
401468.88	3781728.78	6.43691	(13090705)	401488.88	3781728.78	6.41126	(13090705)
401508.88	3781728.78	6.31435	(12033117)	401528.88	3781728.78	6.58937	(12033117)
401548.88	3781728.78	6.88927	(12033117)	401568.88	3781728.78	7.21865	(12033117)
401588.88	3781728.78	7.55850	(12033117)	401608.88	3781728.78	7.95801	(12033117)
401628.88	3781728.78	8.36393	(12033117)	401648.88	3781728.78	8.81242	(12033117)
401668.88	3781728.78	9.28625	(12033117)	401688.88			

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3781728.78        9.78753  (12033117)
        401708.88   3781728.78       10.31029  (12033117)                401728.88
3781728.78       10.88144  (12033117)
        401748.88   3781728.78       11.52256  (12033117)                401768.88
3781728.78       12.15809  (12033117)
        401788.88   3781728.78       12.78915  (12033117)                402088.88
3781728.78       28.93288  (15022217)
        402108.88   3781728.78       20.68074  (16020617)                402128.88
3781728.78       16.83764  (16020617)
        402148.88   3781728.78       17.00097  (12071919)                402168.88
3781728.78       15.64268  (12071919)
        402188.88   3781728.78       14.42843  (15101402)                402208.88
3781728.78       14.12799  (16081403)
        402228.88   3781728.78       13.87048  (14100506)                402248.88
3781728.78       13.57374  (14100506)
        402268.88   3781728.78       13.30379  (14100506)                402288.88
3781728.78       12.99239  (15080504)
        402308.88   3781728.78       12.15510  (15080504)                402328.88
3781728.78       12.92246  (14091502)
        402348.88   3781728.78       13.13810  (14102506)                402368.88
3781728.78       13.61873  (14102506)
        402388.88   3781728.78       13.49005  (14102506)                402408.88
3781728.78       13.72826  (14102506)
        402428.88   3781728.78       13.74256  (14102506)                402448.88
3781728.78       13.78341  (14102506)
        402468.88   3781728.78       13.86782  (14102506)                402488.88
3781728.78       13.97357  (14102506)
        402508.88   3781728.78       14.00911  (14102506)                401308.88
3781748.78        6.21296  (16062001)
        401328.88   3781748.78        6.30281  (16062001)                401348.88
3781748.78        6.37501  (15101202)
        401368.88   3781748.78        6.46022  (13090705)                401388.88
3781748.78        6.53223  (13090705)
        401408.88   3781748.78        6.58471  (13090705)                401428.88
3781748.78        6.63964  (13090705)
        401448.88   3781748.78        6.60117  (13090705)                401468.88
3781748.78        6.64999  (13090705)
        401488.88   3781748.78        6.63373  (12091404)                401508.88
3781748.78        6.51145  (12091404)
        401528.88   3781748.78        6.75984  (12033117)                401548.88
3781748.78        7.02969  (12033117)
        401568.88   3781748.78        7.33561  (12033117)                401588.88
3781748.78        7.64756  (12033117)
        401608.88   3781748.78        8.01106  (12033117)                401628.88
3781748.78        8.37152  (12033117)
        401648.88   3781748.78        8.75308  (12033117)                401668.88
3781748.78        9.15610  (12033117)
        401688.88   3781748.78        9.57127  (12033117)                401708.88
3781748.78        9.98558  (12033117)
        401728.88   3781748.78       10.42392  (12033117)                401748.88
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3781748.78   10.89015 (12033117)
        401768.88   3781748.78   11.31848 (12033117)   401788.88
3781748.78   11.73219 (12033117)
        402068.88   3781748.78   20.64855 (15022217)   402088.88
3781748.78   17.10782 (15022217)
        402108.88   3781748.78   14.79035 (16062005)   402128.88
3781748.78   14.31110 (13051302)
        402148.88   3781748.78   13.93756 (13051302)   402168.88
3781748.78   13.47306 (16092502)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
INCLUDING SOURCE(S):   L0000894   , L0000895   , L0000896   , L0000897   , L0000898   ,
L0000899   , L0000900   , L0000901   , L0000902   , L0000903   , L0000904   , L0000905   , L0000906   ,
L0000907   , L0000908   , L0000909   , L0000910   , L0000911   , L0000912   , L0000913   , L0000914   ,
L0000915   , L0000916   , L0000917   , L0000918   , L0000919   , L0000920   , L0000921   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402188.88	3781748.78	13.01976	(16092502)	402208.88	3781748.78	13.12721	(16100802)
402228.88	3781748.78	12.80252	(14100506)	402248.88	3781748.78	12.64001	(14100506)
402268.88	3781748.78	12.27207	(14100506)	402288.88	3781748.78	11.77596	(15080504)
402308.88	3781748.78	11.18859	(15080504)	402328.88	3781748.78	11.30039	(14091502)
402348.88	3781748.78	12.11130	(14091502)	402368.88	3781748.78	11.94844	(14091502)
402388.88	3781748.78	12.10308	(14102506)	402408.88	3781748.78	12.24037	(14102506)

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        402428.88   3781748.78       12.35076  (14102506)                402448.88
3781748.78       12.19828  (14102506)
        402468.88   3781748.78       12.51120  (14102506)                402488.88
3781748.78       12.53387  (14102506)
        402508.88   3781748.78       12.64294  (14102506)                401308.88
3781768.78        6.29147  (13090705)
        401328.88   3781768.78        6.39355  (13090705)                401348.88
3781768.78        6.47752  (13090705)
        401368.88   3781768.78        6.58239  (13090705)                401388.88
3781768.78        6.62468  (13090705)
        401408.88   3781768.78        6.71343  (12091404)                401428.88
3781768.78        6.80579  (12091404)
        401448.88   3781768.78        6.81242  (12091404)                401468.88
3781768.78        6.88040  (12091404)
        401488.88   3781768.78        6.91117  (12091404)                401508.88
3781768.78        6.80724  (12091404)
        401528.88   3781768.78        6.73564  (12033117)                401548.88
3781768.78        6.97757  (12033117)
        401568.88   3781768.78        7.22975  (12033117)                401588.88
3781768.78        7.49957  (12033117)
        401608.88   3781768.78        7.78303  (12033117)                401628.88
3781768.78        8.06995  (12033117)
        401648.88   3781768.78        8.36592  (12033117)                401668.88
3781768.78        8.65533  (12033117)
        401688.88   3781768.78        8.95125  (12033117)                401708.88
3781768.78        9.24023  (12033117)
        401728.88   3781768.78        9.52325  (12033117)                401748.88
3781768.78        9.78363  (12033117)
        401768.88   3781768.78       10.00655  (12033117)                401788.88
3781768.78       10.19629  (12033117)
        402068.88   3781768.78       15.04121  (15022217)                402088.88
3781768.78       12.95019  (16062005)
        402108.88   3781768.78       12.99667  (13051302)                402128.88
3781768.78       12.44643  (16092618)
        402148.88   3781768.78       12.15247  (16092618)                402168.88
3781768.78       11.94437  (16092618)
        402188.88   3781768.78       11.82384  (12091402)                402208.88
3781768.78       12.04024  (14091902)
        402228.88   3781768.78       11.55559  (14100506)                402248.88
3781768.78       11.56091  (14100506)
        402268.88   3781768.78       11.22154  (14100506)                402288.88
3781768.78       10.84172  (14100506)
        402308.88   3781768.78       10.66057  (13090623)                402328.88
3781768.78       10.72154  (13090623)
        402348.88   3781768.78       10.77055  (14091502)                402368.88
3781768.78       11.09073  (14091502)
        402388.88   3781768.78       11.02372  (14091502)                402408.88
3781768.78       10.81189  (14102506)
        402428.88   3781768.78       10.91437  (14102506)                402448.88
3781768.78       11.22826  (14102506)
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        402468.88   3781768.78       11.44266  (14102506)                402488.88
3781768.78       11.50827  (14102506)
        402508.88   3781768.78       11.61366  (14102506)                401308.88
3781788.78        6.94884  (14092424)
        401328.88   3781788.78        7.05636  (14092424)                401348.88
3781788.78        7.08873  (14092424)
        401368.88   3781788.78        7.09879  (15092103)                401388.88
3781788.78        7.13921  (15092103)
        401408.88   3781788.78        7.11043  (15092103)                401428.88
3781788.78        7.22195  (15092103)
        401448.88   3781788.78        7.11842  (12091404)                401468.88
3781788.78        7.16141  (12091404)
        401488.88   3781788.78        7.22228  (12091404)                401508.88
3781788.78        7.16368  (12091404)
        401528.88   3781788.78        6.84776  (12091404)                401548.88
3781788.78        6.72980  (12033117)
        401568.88   3781788.78        6.92300  (12033117)                401588.88
3781788.78        7.13227  (12033117)
♠ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        05:36:20

                                   PAGE 356
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                                   INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        401608.88   3781788.78        7.33845  (12033117)                401628.88
3781788.78        7.54005  (12033117)
        401648.88   3781788.78        7.73439  (16072305)                401668.88
```

3781788.78 8.10863 (16072305)
401688.88 3781788.78 8.68601 (16072305) 401708.88
3781788.78 9.08257 (15090901)
401728.88 3781788.78 9.40798 (15090901) 401748.88
3781788.78 9.90801 (15090901)
401768.88 3781788.78 9.73473 (15090901) 401788.88
3781788.78 9.87032 (15090901)
402068.88 3781788.78 11.80753 (16062005) 402088.88
3781788.78 11.83369 (16062005)
402108.88 3781788.78 11.56825 (16062005) 402128.88
3781788.78 11.33849 (16092618)
402148.88 3781788.78 11.09798 (16092618) 402168.88
3781788.78 11.05679 (12091402)
402188.88 3781788.78 10.96198 (12091402) 402208.88
3781788.78 11.33681 (14100506)
402228.88 3781788.78 10.36891 (14100506) 402248.88
3781788.78 10.44769 (14100506)
402268.88 3781788.78 10.21892 (14100506) 402288.88
3781788.78 10.17000 (13090706)
402308.88 3781788.78 10.23217 (13090706) 402328.88
3781788.78 10.24780 (13090706)
402348.88 3781788.78 10.26269 (13090706) 402368.88
3781788.78 10.55006 (14091502)
402388.88 3781788.78 10.44115 (13082524) 402408.88
3781788.78 10.16781 (13082524)
402428.88 3781788.78 10.27572 (13090706) 402448.88
3781788.78 10.42449 (15090806)
402468.88 3781788.78 10.64569 (13090603) 402488.88
3781788.78 10.95008 (13090603)
402508.88 3781788.78 11.16848 (15092105) 401308.88
3781808.78 7.04053 (15092103)
401328.88 3781808.78 7.17095 (15092103) 401348.88
3781808.78 7.25072 (15092103)
401368.88 3781808.78 7.32146 (15092103) 401388.88
3781808.78 7.39785 (15092103)
401408.88 3781808.78 7.46247 (14091604) 401428.88
3781808.78 7.46728 (14091604)
401448.88 3781808.78 7.40360 (14091604) 401468.88
3781808.78 7.36645 (14091604)
401488.88 3781808.78 7.32726 (15092106) 401508.88
3781808.78 7.27790 (16102305)
401528.88 3781808.78 7.07579 (16072305) 401548.88
3781808.78 7.01484 (16072305)
401568.88 3781808.78 7.20433 (16072305) 401588.88
3781808.78 7.38555 (16072305)
401608.88 3781808.78 7.59241 (16072305) 401628.88
3781808.78 7.96469 (16072305)
401648.88 3781808.78 8.64282 (16072305) 401668.88
3781808.78 9.00722 (15090901)
401688.88 3781808.78 9.26596 (15090901) 401708.88

3781808.78   9.47291 (15090901)
        401728.88   3781808.78   9.68477 (15090901)   401748.88
3781808.78   9.86334 (15090901)
        401768.88   3781808.78   10.02964 (15090901)   401788.88
3781808.78   9.95833 (13082905)
        402068.88   3781808.78   10.96463 (16062005)   402088.88
3781808.78   10.85058 (13082701)
        402108.88   3781808.78   10.88445 (15101402)   402128.88
3781808.78   10.84648 (16092502)
        402148.88   3781808.78   10.33960 (12091402)   402168.88
3781808.78   10.33615 (12091402)
        402188.88   3781808.78   10.22583 (12091402)   402208.88
3781808.78   10.81091 (14100506)
        402228.88   3781808.78   9.87884 (14100506)   402248.88
3781808.78   9.68724 (13090706)
        402268.88   3781808.78   9.71004 (14100506)   402288.88
3781808.78   9.75960 (13090706)
        402308.88   3781808.78   9.75597 (13083005)   402328.88
3781808.78   9.75459 (13090603)
        402348.88   3781808.78   9.78721 (13090603)   402368.88
3781808.78   10.13811 (14091502)
        402388.88   3781808.78   9.93291 (13082524)   402408.88
3781808.78   9.71815 (13090603)
        402428.88   3781808.78   9.97576 (13090603)   402448.88
3781808.78   10.15289 (13090603)
        402468.88   3781808.78   10.29839 (12100202)   402488.88
3781808.78   10.56500 (15092105)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK   ***
                                    INCLUDING SOURCE(S):   L0000894   , L0000895 , L0000896   , L0000897   , L0000898   ,
                L0000899   , L0000900   , L0000901   , L0000902   , L0000903 , L0000904   , L0000905   , L0000906   ,
                L0000907   , L0000908   , L0000909   , L0000910   , L0000911 , L0000912   , L0000913   , L0000914   ,
                L0000915   , L0000916   , L0000917   , L0000918   , L0000919 , L0000920   , L0000921   , . . .   ,

                                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF PM_10   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402508.88	3781808.78	10.70246	(13090605)	401308.88	3781828.78	7.08084	(14091604)
401328.88	3781828.78	7.16921	(14091604)	401348.88	3781828.78	7.24940	(14091604)
401368.88	3781828.78	7.32661	(14091604)	401388.88	3781828.78	7.39854	(14091604)
401408.88	3781828.78	7.45441	(14091604)	401428.88	3781828.78	7.50496	(15092106)
401448.88	3781828.78	7.48161	(15092106)	401468.88	3781828.78	7.40046	(15092106)
401488.88	3781828.78	7.28518	(15092106)	401508.88	3781828.78	7.31775	(16072305)
401528.88	3781828.78	7.31000	(16072305)	401548.88	3781828.78	7.28710	(16072305)
401568.88	3781828.78	7.34619	(16072305)	401588.88	3781828.78	7.65118	(15090901)
401608.88	3781828.78	8.21282	(15090901)	401628.88	3781828.78	8.59234	(15100821)
401648.88	3781828.78	8.75323	(15090901)	401668.88	3781828.78	8.92243	(15090901)
401688.88	3781828.78	9.07885	(15090901)	401708.88	3781828.78	9.21761	(15090901)
401728.88	3781828.78	9.36540	(15090901)	401748.88	3781828.78	9.51859	(13082905)
401768.88	3781828.78	9.75503	(13082905)	401788.88	3781828.78	9.85865	(13082905)
402068.88	3781828.78	10.24604	(15101402)	402088.88	3781828.78	10.13354	(15101402)
402108.88	3781828.78	10.31479	(12101424)	402128.88	3781828.78	10.27295	(12101424)
402148.88	3781828.78	10.06595	(16092502)	402168.88	3781828.78	9.80280	(14091902)
402188.88	3781828.78	9.81654	(14091902)	402208.88	3781828.78	10.15490	(14100506)
402228.88	3781828.78	9.32271	(14100506)	402248.88	3781828.78	9.31374	(13083005)
402268.88	3781828.78	9.34340	(13083005)	402288.88	3781828.78	9.35738	(13090603)
402308.88	3781828.78	9.32441	(13090603)	402328.88	3781828.78	9.25593	(13090603)
402348.88	3781828.78	9.24870	(14091502)	402368.88	3781828.78	9.52946	(14091502)
402388.88	3781828.78	9.59405	(14091502)	402408.88	3781828.78	9.50186	(13090603)

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        402428.88   3781828.78        9.76290  (15092105)               402448.88
3781828.78        9.89925  (15092105)
        402468.88   3781828.78       10.01130  (13090605)               402488.88
3781828.78       10.10618  (13090506)
        402508.88   3781828.78       10.22717  (13090506)               401308.88
3781848.78        7.18817  (14091604)
        401328.88   3781848.78        7.27199  (14091604)               401348.88
3781848.78        7.35092  (15092106)
        401368.88   3781848.78        7.43488  (15092106)               401388.88
3781848.78        7.50192  (15092106)
        401408.88   3781848.78        7.56105  (15092106)               401428.88
3781848.78        7.59340  (15092106)
        401448.88   3781848.78        7.58871  (16092902)               401468.88
3781848.78        7.64600  (15091204)
        401488.88   3781848.78        7.50696  (15091204)               401508.88
3781848.78        7.49933  (15091204)
        401528.88   3781848.78        7.46794  (15090901)               401548.88
3781848.78        7.49753  (15090901)
        401568.88   3781848.78        7.80859  (15090901)               401588.88
3781848.78        8.22056  (15100821)
        401608.88   3781848.78        8.41511  (15100821)               401628.88
3781848.78        8.49238  (15091105)
        401648.88   3781848.78        8.58867  (15091105)               401668.88
3781848.78        8.76823  (15091105)
        401688.88   3781848.78        8.98791  (15091105)               401708.88
3781848.78        9.03388  (15091501)
        401728.88   3781848.78        9.14788  (13082905)               401748.88
3781848.78        9.35730  (13090623)
        401768.88   3781848.78        9.70527  (13090623)               401788.88
3781848.78        9.94915  (13090623)
        401908.88   3781848.78       10.28642  (13090603)               401928.88
3781848.78       10.42369  (15092105)
        401948.88   3781848.78       10.44571  (13090605)               401968.88
3781848.78       10.38622  (13090506)
        401988.88   3781848.78       10.34956  (16062005)               402008.88
3781848.78       10.17699  (16062005)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 358
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                                   INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                 L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
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                 L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                 L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        402028.88   3781848.78        9.97391  (15101402)               402048.88
3781848.78        9.82674  (12101424)
        402068.88   3781848.78        9.72110  (16081403)               402088.88
3781848.78        9.61041  (16100802)
        402108.88   3781848.78        9.49495  (16100802)               402128.88
3781848.78        9.85138  (16081403)
        402148.88   3781848.78        9.92906  (16100802)               402168.88
3781848.78        9.70717  (14091902)
        402188.88   3781848.78        9.60703  (14091902)               402208.88
3781848.78        9.68687  (14091903)
        402228.88   3781848.78        9.85747  (15080504)               402248.88
3781848.78        9.02113  (14100506)
        402268.88   3781848.78        8.97548  (13090603)               402288.88
3781848.78        8.95048  (13090603)
        402308.88   3781848.78        8.88194  (12100202)               402328.88
3781848.78        8.88779  (14091502)
        402348.88   3781848.78        8.96846  (14091502)               402368.88
3781848.78        9.29826  (14091502)
        402388.88   3781848.78        9.30036  (14091502)               402408.88
3781848.78        9.34171  (15092105)
        402428.88   3781848.78        9.46652  (13090605)               402448.88
3781848.78        9.53949  (13090605)
        402468.88   3781848.78        9.65352  (13090506)               402488.88
3781848.78        9.72240  (13090403)
        402508.88   3781848.78        9.82605  (16062005)               401308.88
3781868.78        7.21777  (15092106)
        401328.88   3781868.78        7.33023  (15092106)               401348.88
3781868.78        7.39804  (15092106)
        401368.88   3781868.78        7.45617  (16092902)               401388.88
3781868.78        7.53192  (16092902)
        401408.88   3781868.78        7.62967  (15091204)               401428.88
3781868.78        7.75836  (15091204)
        401448.88   3781868.78        7.79321  (15091204)               401468.88
3781868.78        7.82762  (15091204)
        401488.88   3781868.78        7.68082  (15100821)               401508.88
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3781868.78        7.59569  (15100821)
        401528.88   3781868.78        7.53667  (15090901)                401548.88
3781868.78        7.59845  (15090901)
        401568.88   3781868.78        7.89022  (15091105)                401588.88
3781868.78        8.13869  (15091105)
        401608.88   3781868.78        8.24433  (15091105)                401628.88
3781868.78        8.38261  (15091105)
        401648.88   3781868.78        8.56012  (15091501)                401668.88
3781868.78        8.69741  (14090905)
        401688.88   3781868.78        8.87394  (14090905)                401708.88
3781868.78        9.42712  (13090623)
        401728.88   3781868.78        9.40213  (13090623)                401748.88
3781868.78        9.68298  (13090623)
        401768.88   3781868.78        9.83230  (13090623)                401788.88
3781868.78        9.87184  (13090623)
        401888.88   3781868.78        9.86403  (12100202)                401908.88
3781868.78       10.01102  (15092105)
        401928.88   3781868.78        9.98029  (13090605)                401948.88
3781868.78        9.92920  (13090506)
        401968.88   3781868.78        9.89326  (16062005)                401988.88
3781868.78        9.76481  (16062005)
        402008.88   3781868.78        9.61322  (15101402)                402028.88
3781868.78        9.47484  (12101424)
        402048.88   3781868.78        9.38924  (16081403)                402068.88
3781868.78        9.29126  (16100802)
        402088.88   3781868.78        9.13461  (16100802)                402108.88
3781868.78        8.98932  (16100802)
        402128.88   3781868.78        9.44026  (16100802)                402148.88
3781868.78        9.51218  (16100802)
        402168.88   3781868.78        9.56189  (14100506)                402188.88
3781868.78        9.60468  (14100506)
        402208.88   3781868.78        9.36538  (15080504)                402228.88
3781868.78        9.49161  (15080504)
        402248.88   3781868.78        8.92369  (14100506)                402268.88
3781868.78        8.61660  (12100202)
        402288.88   3781868.78        8.58294  (15092105)                402308.88
3781868.78        8.54669  (14091502)
        402328.88   3781868.78        8.61896  (14091502)                402348.88
3781868.78        8.69951  (14091502)
        402368.88   3781868.78        9.07123  (14091502)                402388.88
3781868.78        9.08741  (14091502)
        402408.88   3781868.78        9.06296  (13090506)                402428.88
3781868.78        9.12777  (13090506)
        402448.88   3781868.78        9.19705  (13090403)                402468.88
3781868.78        9.30322  (16062005)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402488.88	3781868.78	9.32304	(16062005)	402508.88	3781868.78	9.41217	(14091502)
401308.88	3781888.78	7.27925	(16092902)	401328.88	3781888.78	7.38214	(16092902)
401348.88	3781888.78	7.49329	(15091204)	401368.88	3781888.78	7.60873	(15091204)
401388.88	3781888.78	7.71476	(15091204)	401408.88	3781888.78	7.80259	(15091204)
401428.88	3781888.78	7.88072	(15091204)	401448.88	3781888.78	7.96914	(15100821)
401468.88	3781888.78	8.07249	(15100821)	401488.88	3781888.78	7.97628	(15100821)
401508.88	3781888.78	7.99008	(15100821)	401528.88	3781888.78	7.76600	(15091105)
401548.88	3781888.78	7.65466	(15091105)	401568.88	3781888.78	7.86139	(15091105)
401588.88	3781888.78	7.97838	(15091105)	401608.88	3781888.78	8.16930	(15091501)
401628.88	3781888.78	8.30408	(14090905)	401648.88	3781888.78	8.46378	(15070205)
401668.88	3781888.78	8.95068	(13090623)	401688.88	3781888.78	9.30567	(13090623)
401708.88	3781888.78	9.43896	(13090623)	401728.88	3781888.78	9.47739	(13090623)
401748.88	3781888.78	9.39389	(13090623)	401768.88	3781888.78	9.51327	(13090706)

401788.88 3781888.78 9.61853 (13090706) 401808.88
3781888.78 9.65600 (13090706)
401828.88 3781888.78 9.62335 (13090603) 401848.88
3781888.78 9.59515 (13090603)
401868.88 3781888.78 9.54893 (12100202) 401888.88
3781888.78 9.59509 (15092105)
401908.88 3781888.78 9.56763 (13090605) 401928.88
3781888.78 9.51323 (13090506)
401948.88 3781888.78 9.44876 (16062005) 401968.88
3781888.78 9.29762 (16062005)
401988.88 3781888.78 9.17259 (15101402) 402008.88
3781888.78 9.13891 (12101424)
402028.88 3781888.78 9.02061 (15102324) 402048.88
3781888.78 8.95251 (16081403)
402068.88 3781888.78 8.84778 (16100802) 402088.88
3781888.78 8.69561 (16100802)
402108.88 3781888.78 8.60512 (12020318) 402128.88
3781888.78 8.54111 (12020318)
402148.88 3781888.78 8.95694 (16100802) 402168.88
3781888.78 9.14292 (14100506)
402188.88 3781888.78 9.17803 (14100506) 402208.88
3781888.78 9.23304 (15080504)
402228.88 3781888.78 9.18463 (15080504) 402248.88
3781888.78 8.66628 (15080504)
402268.88 3781888.78 8.27650 (15092105) 402288.88
3781888.78 8.25231 (15080504)
402308.88 3781888.78 8.32627 (14091502) 402328.88
3781888.78 8.40726 (14091502)
402348.88 3781888.78 8.55272 (14091502) 402368.88
3781888.78 8.86877 (14091502)
402388.88 3781888.78 8.86621 (14091502) 402408.88
3781888.78 8.86025 (14091502)
402428.88 3781888.78 8.87559 (14091502) 402448.88
3781888.78 8.92694 (14091502)
402468.88 3781888.78 9.00097 (14091502) 402488.88
3781888.78 9.12100 (14091502)
402508.88 3781888.78 9.27722 (14091502) 401308.88
3781908.78 7.22995 (15091204)
401328.88 3781908.78 7.32271 (15091204) 401348.88
3781908.78 7.40820 (15091204)
401368.88 3781908.78 7.49185 (13082604) 401388.88
3781908.78 7.60493 (15100821)
401408.88 3781908.78 7.72942 (15100821) 401428.88
3781908.78 7.84085 (15100821)
401448.88 3781908.78 7.92421 (15100821) 401468.88
3781908.78 7.97267 (15091105)
401488.88 3781908.78 8.00124 (15091105) 401508.88
3781908.78 7.92736 (15091105)
401528.88 3781908.78 7.81049 (15091105) 401548.88
3781908.78 7.86001 (15091501)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401648.88	3781908.78	8.88047	(13090623)	401668.88	3781908.78	9.01215	(13090623)
401688.88	3781908.78	9.08190	(13090623)	401708.88	3781908.78	9.11355	(13090623)
401728.88	3781908.78	9.10682	(13090623)	401748.88	3781908.78	9.17969	(13090706)
401768.88	3781908.78	9.25486	(13090706)	401788.88	3781908.78	9.24955	(15090806)
401808.88	3781908.78	9.25907	(13090603)	401828.88	3781908.78	9.25561	(13090603)
401848.88	3781908.78	9.22990	(15092105)	401868.88	3781908.78	9.23279	(15092105)
401888.88	3781908.78	9.19089	(13090605)	401908.88	3781908.78	9.14187	(13090506)
401928.88	3781908.78	9.05147	(16062005)	401948.88	3781908.78	8.96305	(16062005)
401968.88	3781908.78	8.79624	(14100501)	401988.88			

3781908.78 8.74428 (12101424)
402008.88 3781908.78 8.66856 (15102324) 402028.88
3781908.78 8.66057 (16081403)
402048.88 3781908.78 8.56345 (15091906) 402068.88
3781908.78 8.44222 (16100802)
402088.88 3781908.78 8.30706 (16100802) 402108.88
3781908.78 8.24880 (12020318)
402128.88 3781908.78 8.17914 (12020318) 402148.88
3781908.78 8.39878 (16100802)
402168.88 3781908.78 8.76770 (14100506) 402188.88
3781908.78 8.68404 (14100506)
402208.88 3781908.78 8.86331 (15080504) 402228.88
3781908.78 8.84373 (15080504)
402248.88 3781908.78 8.61719 (15080504) 402268.88
3781908.78 8.04022 (15080504)
402288.88 3781908.78 8.03395 (14091502) 402308.88
3781908.78 8.12250 (14091502)
402328.88 3781908.78 8.20473 (14091502) 402348.88
3781908.78 8.31125 (14091502)
402368.88 3781908.78 8.39236 (14091502) 402388.88
3781908.78 8.58858 (14091502)
402408.88 3781908.78 8.66646 (14091502) 402428.88
3781908.78 8.70198 (14091502)
402448.88 3781908.78 8.76659 (14091502) 402468.88
3781908.78 8.85647 (14091502)
402488.88 3781908.78 8.97922 (14091502) 402508.88
3781908.78 9.12323 (14091502)
401308.88 3781928.78 7.15929 (13082604) 401328.88
3781928.78 7.25808 (15100821)
401348.88 3781928.78 7.37234 (15100821) 401368.88
3781928.78 7.47573 (15100821)
401388.88 3781928.78 7.57158 (15100821) 401408.88
3781928.78 7.65786 (15100821)
401428.88 3781928.78 7.75751 (15091105) 401448.88
3781928.78 7.85061 (15091105)
401468.88 3781928.78 7.88990 (15091105) 401488.88
3781928.78 7.90562 (15091501)
401508.88 3781928.78 7.83757 (15091501) 401528.88
3781928.78 7.90737 (14090905)
401548.88 3781928.78 7.76898 (14090905) 401568.88
3781928.78 7.92741 (15070205)
401588.88 3781928.78 8.20686 (13090623) 401608.88
3781928.78 8.50534 (13090623)
401628.88 3781928.78 8.63332 (13090623) 401648.88
3781928.78 8.69845 (13090623)
401668.88 3781928.78 8.73313 (13090623) 401688.88
3781928.78 8.73166 (13090623)
401708.88 3781928.78 8.79814 (13090706) 401728.88
3781928.78 8.87971 (13090706)
401748.88 3781928.78 8.89937 (13090706) 401768.88

3781928.78 8.84627 (15090806)
  401788.88 3781928.78 8.85986 (13090603) 401808.88
3781928.78 8.84396 (13090603)
  401828.88 3781928.78 8.88221 (15092105) 401848.88
3781928.78 8.86344 (15092105)
  401868.88 3781928.78 8.82988 (13090605) 401888.88
3781928.78 8.76897 (13090506)
  401908.88 3781928.78 8.70246 (13090403) 401928.88
3781928.78 8.64927 (16062005)
  401948.88 3781928.78 8.48812 (12092323) 401968.88
3781928.78 8.42501 (15101402)
  401988.88 3781928.78 8.37457 (15102324) 402008.88
3781928.78 8.34949 (16081403)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
  L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
  L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
  L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402028.88	3781928.78	8.32070	(16081403)	402048.88	3781928.78	8.21947	(16100802)
402068.88	3781928.78	8.09780	(16100802)	402088.88	3781928.78	7.97773	(16100802)
402108.88	3781928.78	7.94660	(12020318)	402128.88	3781928.78	7.90805	(12020318)
402148.88	3781928.78	7.96296	(12020318)	402168.88	3781928.78	8.37765	(14100506)

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        402188.88   3781928.78        8.44838  (14100506)               402208.88
3781928.78        8.60161  (15080504)
        402228.88   3781928.78        8.40523  (15080504)               402248.88
3781928.78        8.36497  (15080504)
        402268.88   3781928.78        7.87084  (15080504)               402288.88
3781928.78        7.86052  (14091502)
        402308.88   3781928.78        7.94331  (14091502)               402328.88
3781928.78        8.00681  (14091502)
        402348.88   3781928.78        8.06277  (14091502)               402368.88
3781928.78        8.10567  (14091502)
        402388.88   3781928.78        8.22524  (14091502)               402408.88
3781928.78        8.46221  (14091502)
        402428.88   3781928.78        8.51251  (14091502)               402448.88
3781928.78        8.59456  (14091502)
        402468.88   3781928.78        8.68603  (14091502)               402488.88
3781928.78        8.80268  (14091502)
        402508.88   3781928.78        8.93555  (14091502)               401308.88
3781948.78        7.12911  (15100821)
        401328.88   3781948.78        7.21502  (15100821)               401348.88
3781948.78        7.29195  (15100821)
        401368.88   3781948.78        7.38520  (15091105)               401388.88
3781948.78        7.47492  (15091105)
        401408.88   3781948.78        7.55275  (15091105)               401428.88
3781948.78        7.61496  (15091501)
        401448.88   3781948.78        7.70141  (15091501)               401468.88
3781948.78        7.76692  (15091501)
        401488.88   3781948.78        7.84141  (14090905)               401508.88
3781948.78        7.79428  (15070205)
        401528.88   3781948.78        7.71875  (15070205)               401548.88
3781948.78        8.00505  (13090623)
        401568.88   3781948.78        8.20935  (13090623)               401588.88
3781948.78        8.29463  (13090623)
        401608.88   3781948.78        8.36215  (13090623)               401628.88
3781948.78        8.39183  (13090623)
        401648.88   3781948.78        8.39366  (13090623)               401668.88
3781948.78        8.43252  (13090706)
        401688.88   3781948.78        8.53078  (13090706)               401708.88
3781948.78        8.57567  (13090706)
        401728.88   3781948.78        8.57951  (15090806)               401748.88
3781948.78        8.53758  (13090603)
        401768.88   3781948.78        8.49146  (13090603)               401788.88
3781948.78        8.44239  (12100202)
        401808.88   3781948.78        8.51113  (15092105)               401828.88
3781948.78        8.54199  (15092105)
        401848.88   3781948.78        8.51086  (13090605)               401868.88
3781948.78        8.44785  (13090506)
        401888.88   3781948.78        8.38587  (13090403)               401908.88
3781948.78        8.33589  (16062005)
        401928.88   3781948.78        8.21418  (13082701)               401948.88
3781948.78        8.15171  (15101402)
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401968.88 3781948.78 8.13220 (12101424) 401988.88
3781948.78 8.10311 (15102324)
402008.88 3781948.78 8.11463 (16081403) 402028.88
3781948.78 8.03685 (15091906)
402048.88 3781948.78 7.92055 (16100802) 402068.88
3781948.78 7.79862 (16100802)
402088.88 3781948.78 7.69615 (12020318) 402108.88
3781948.78 7.68331 (12020318)
402128.88 3781948.78 7.64078 (12020318) 402148.88
3781948.78 7.61440 (12020318)
402168.88 3781948.78 8.08251 (14100506) 402188.88
3781948.78 8.23113 (14100506)
402208.88 3781948.78 8.22999 (15080504) 402228.88
3781948.78 8.13464 (15080504)
402248.88 3781948.78 8.13203 (15080504) 402268.88
3781948.78 7.83510 (15080504)
402288.88 3781948.78 7.74629 (14091502) 402308.88
3781948.78 7.78606 (14091502)
402328.88 3781948.78 7.84186 (14091502) 402348.88
3781948.78 7.89449 (14091502)
402368.88 3781948.78 7.93807 (14091502) 402388.88
3781948.78 7.98908 (14091502)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

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- - - - - - - - - - - - - - - - - - - - - - - - - -
        402408.88   3781948.78        8.25344  (14091502)                402428.88
3781948.78        8.32560  (14091502)
        402448.88   3781948.78        8.41205  (14091502)                402468.88
3781948.78        8.50571  (14091502)
        402488.88   3781948.78        8.59666  (14091502)                402508.88
3781948.78        8.73586  (12100206)
        401308.88   3781968.78        6.99570  (15091105)                401328.88
3781968.78        7.07767  (15091105)
        401348.88   3781968.78        7.14833  (15091105)                401368.88
3781968.78        7.20325  (15091105)
        401388.88   3781968.78        7.27384  (15091501)                401408.88
3781968.78        7.33758  (15091501)
        401428.88   3781968.78        7.40770  (14090905)                401448.88
3781968.78        7.53824  (14090905)
        401468.88   3781968.78        7.61818  (15070205)                401488.88
3781968.78        7.69107  (15070205)
        401508.88   3781968.78        7.75045  (13090623)                401528.88
3781968.78        7.88455  (13090623)
        401548.88   3781968.78        7.99187  (13090623)                401568.88
3781968.78        8.05623  (13090623)
        401588.88   3781968.78        8.09271  (13090623)                401608.88
3781968.78        8.09867  (13090623)
        401628.88   3781968.78        8.10569  (16100902)                401648.88
3781968.78        8.20767  (13090706)
        401668.88   3781968.78        8.26877  (13090706)                401688.88
3781968.78        8.28984  (13090706)
        401708.88   3781968.78        8.27518  (15090806)                401728.88
3781968.78        8.21041  (13090603)
        401748.88   3781968.78        8.17266  (13090603)                401768.88
3781968.78        8.11660  (12100202)
        401788.88   3781968.78        8.09569  (15092105)                401808.88
3781968.78        8.14620  (13090605)
        401828.88   3781968.78        8.22899  (13090605)                401848.88
3781968.78        8.20471  (13090506)
        401868.88   3781968.78        8.12211  (13090403)                401888.88
3781968.78        8.06031  (16062005)
        401908.88   3781968.78        7.95518  (13082701)                401928.88
3781968.78        7.88087  (15101402)
        401948.88   3781968.78        7.87508  (12101424)                401968.88
3781968.78        7.86381  (15102324)
        401988.88   3781968.78        7.87352  (15072705)                402008.88
3781968.78        7.86575  (16081403)
        402028.88   3781968.78        7.78651  (15091906)                402048.88
3781968.78        7.66089  (16100802)
        402068.88   3781968.78        7.52652  (16100802)                402088.88
3781968.78        7.43811  (12020318)
        402108.88   3781968.78        7.43849  (12020318)                402128.88
3781968.78        7.39942  (12020318)
        402148.88   3781968.78        7.39981  (12020318)                402168.88
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3781968.78        7.85618  (14100506)
        402188.88   3781968.78        7.99457  (14100506)                402208.88
3781968.78        7.84160  (14100506)
        402228.88   3781968.78        7.87327  (15080504)                402248.88
3781968.78        7.83767  (15080504)
        402268.88   3781968.78        7.91173  (14091502)                402288.88
3781968.78        7.86489  (14091502)
        402308.88   3781968.78        7.70146  (14091502)                402328.88
3781968.78        7.69244  (14091502)
        402348.88   3781968.78        7.73964  (14091502)                402368.88
3781968.78        7.79080  (14091502)
        402388.88   3781968.78        7.83054  (14091502)                402408.88
3781968.78        8.06879  (14091502)
        402428.88   3781968.78        8.14120  (14091502)                402448.88
3781968.78        8.22573  (14091502)
        402468.88   3781968.78        8.32592  (14091502)                402488.88
3781968.78        8.46777  (14091502)
        402508.88   3781968.78        8.60051  (12100206)                401308.88
3781988.78        6.88113  (15091105)
        401328.88   3781988.78        6.94290  (15091501)                401348.88
3781988.78        7.00905  (15091501)
        401368.88   3781988.78        7.06609  (14090905)                401388.88
3781988.78        7.14165  (14090905)
        401408.88   3781988.78        7.19885  (14090905)                401428.88
3781988.78        7.27828  (15070205)
        401448.88   3781988.78        7.36755  (15070205)                401468.88
3781988.78        7.42257  (13090623)
        401488.88   3781988.78        7.55727  (13090623)                401508.88
3781988.78        7.68965  (13090623)
        401528.88   3781988.78        7.75347  (13090623)                401548.88
3781988.78        7.79974  (13090623)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 363
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                                   INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401568.88	3781988.78	7.81303	(13090623)	401588.88	3781988.78	7.82790	(16100902)
401608.88	3781988.78	7.90167	(13090706)	401628.88	3781988.78	7.97647	(13090706)
401648.88	3781988.78	8.01396	(13090706)	401668.88	3781988.78	7.99383	(15090806)
401688.88	3781988.78	7.88717	(13090603)	401708.88	3781988.78	7.80574	(13090603)
401728.88	3781988.78	7.78279	(12100202)	401748.88	3781988.78	7.82007	(15092105)
401768.88	3781988.78	7.76977	(15092105)	401788.88	3781988.78	7.75460	(13090605)
401808.88	3781988.78	7.76643	(16092906)	401828.88	3781988.78	7.93831	(13090506)
401848.88	3781988.78	7.88945	(13090403)	401868.88	3781988.78	7.83573	(16062005)
401888.88	3781988.78	7.72503	(13082701)	401908.88	3781988.78	7.62927	(12092323)
401928.88	3781988.78	7.63354	(15101402)	401948.88	3781988.78	7.62712	(12101424)
401968.88	3781988.78	7.60885	(15102324)	401988.88	3781988.78	7.64471	(16081403)
402008.88	3781988.78	7.61407	(15091906)	402028.88	3781988.78	7.54859	(16100802)
402048.88	3781988.78	7.43084	(16100802)	402068.88	3781988.78	7.31783	(16100802)
402088.88	3781988.78	7.24882	(12020318)	402108.88	3781988.78	7.21252	(12020318)
402128.88	3781988.78	7.20431	(12020318)	402148.88	3781988.78	7.25639	(12020318)
402168.88	3781988.78	7.62546	(14100506)	402188.88	3781988.78	7.69725	(14100506)
402208.88	3781988.78	7.61787	(14100506)	402228.88	3781988.78	7.61745	(15080504)
402248.88	3781988.78	7.57218	(15080504)	402268.88	3781988.78	7.53300	(14091502)
402288.88	3781988.78	7.53887	(14091502)	402308.88	3781988.78	7.51480	(14091502)
402328.88	3781988.78	7.55000	(14091502)	402348.88	3781988.78	7.60138	(14091502)

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        402368.88   3781988.78        7.65691  (14091502)               402388.88
3781988.78        7.69643  (14091502)
        402408.88   3781988.78        7.92145  (14091502)               402428.88
3781988.78        8.01560  (14091502)
        402448.88   3781988.78        8.06688  (14091502)               402468.88
3781988.78        8.16926  (14091502)
        402488.88   3781988.78        8.27806  (12100206)               402508.88
3781988.78        8.43081  (12100206)
        401308.88   3782008.78        6.75316  (15091501)               401328.88
3782008.78        6.81643  (14090905)
        401348.88   3782008.78        6.88085  (14090905)               401368.88
3782008.78        6.92332  (15070205)
        401388.88   3782008.78        6.98429  (15070205)               401408.88
3782008.78        7.03798  (15070205)
        401428.88   3782008.78        7.13770  (13090623)               401448.88
3782008.78        7.22700  (13090623)
        401468.88   3782008.78        7.27743  (13090623)               401488.88
3782008.78        7.41543  (13090623)
        401508.88   3782008.78        7.53130  (13090623)               401528.88
3782008.78        7.53283  (13090623)
        401548.88   3782008.78        7.54490  (16100902)               401568.88
3782008.78        7.60375  (13090706)
        401588.88   3782008.78        7.68592  (13090706)               401608.88
3782008.78        7.73743  (13090706)
        401628.88   3782008.78        7.71686  (13090706)               401648.88
3782008.78        7.60813  (15090806)
        401668.88   3782008.78        7.52956  (13090603)               401688.88
3782008.78        7.49288  (13090603)
        401708.88   3782008.78        7.49375  (12100202)               401728.88
3782008.78        7.54233  (15092105)
        401748.88   3782008.78        7.53186  (15092105)               401768.88
3782008.78        7.49108  (13090605)
        401788.88   3782008.78        7.47826  (13090506)               401808.88
3782008.78        7.53866  (13090506)
        401828.88   3782008.78        7.57232  (13090403)               401848.88
3782008.78        7.56842  (16062005)
        401868.88   3782008.78        7.48119  (16062005)               401888.88
3782008.78        7.41668  (12092323)
        401908.88   3782008.78        7.42424  (15101402)               401928.88
3782008.78        7.41073  (12101424)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 364
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
```

INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401948.88	3782008.78	7.39956	(15102324)	401968.88	3782008.78	7.39646	(15072705)
401988.88	3782008.78	7.43955	(16081403)	402008.88	3782008.78	7.41101	(15091906)
402028.88	3782008.78	7.33481	(16100802)	402048.88	3782008.78	7.22488	(16100802)
402068.88	3782008.78	7.13196	(16100802)	402088.88	3782008.78	7.09117	(12020318)
402108.88	3782008.78	7.05890	(12020318)	402128.88	3782008.78	7.04262	(12020318)
402148.88	3782008.78	7.23076	(12020318)	402168.88	3782008.78	7.39524	(14100506)
402188.88	3782008.78	7.51197	(14100506)	402208.88	3782008.78	7.41183	(15080504)
402228.88	3782008.78	7.41234	(15080504)	402248.88	3782008.78	7.38683	(15080504)
402268.88	3782008.78	7.28317	(14091502)	402288.88	3782008.78	7.32395	(14091502)
402308.88	3782008.78	7.36169	(14091502)	402328.88	3782008.78	7.42656	(14091502)
402348.88	3782008.78	7.47465	(14091502)	402368.88	3782008.78	7.55373	(14091502)
402388.88	3782008.78	7.57307	(14091502)	402408.88	3782008.78	7.68964	(14091502)
402428.88	3782008.78	7.74592	(14091502)	402448.88	3782008.78	7.84059	(14091502)
402468.88	3782008.78	8.01547	(14091502)	402488.88	3782008.78	8.08876	(12100206)
402508.88	3782008.78	8.24823	(12100206)	401308.88	3782028.78	6.63984	(14090905)
401328.88	3782028.78	6.69387	(15070205)	401348.88			

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3782028.78        6.73907  (15070205)
        401368.88   3782028.78        6.74703  (15070205)                401388.88
3782028.78        6.79266  (13090623)
        401408.88   3782028.78        6.88287  (13090623)                401428.88
3782028.78        7.00573  (13090623)
        401448.88   3782028.78        6.99450  (13090623)                401468.88
3782028.78        7.05932  (13090623)
        401488.88   3782028.78        7.19354  (13090623)                401508.88
3782028.78        7.29615  (16100902)
        401528.88   3782028.78        7.30220  (13090706)                401548.88
3782028.78        7.38680  (13090706)
        401568.88   3782028.78        7.47847  (13090706)                401588.88
3782028.78        7.41830  (13090706)
        401608.88   3782028.78        7.34061  (15090806)                401628.88
3782028.78        7.25438  (13090603)
        401648.88   3782028.78        7.23722  (13090603)                401668.88
3782028.78        7.24255  (12100202)
        401688.88   3782028.78        7.25284  (12100202)                401708.88
3782028.78        7.28265  (15092105)
        401728.88   3782028.78        7.26880  (15092105)                401748.88
3782028.78        7.25336  (13090605)
        401768.88   3782028.78        7.24063  (13090506)                401788.88
3782028.78        7.22620  (13090506)
        401808.88   3782028.78        7.25927  (13090403)                401828.88
3782028.78        7.29246  (16062005)
        401848.88   3782028.78        7.27819  (16062005)                401868.88
3782028.78        7.21845  (12092323)
        401888.88   3782028.78        7.21718  (15101402)                401908.88
3782028.78        7.20537  (12081906)
        401928.88   3782028.78        7.23167  (12101424)                401948.88
3782028.78        7.26510  (15102324)
        401968.88   3782028.78        7.34356  (16081403)                401988.88
3782028.78        7.34246  (15091906)
        402008.88   3782028.78        7.28668  (16100802)                402028.88
3782028.78        7.17438  (16100802)
        402048.88   3782028.78        7.05247  (16100802)                402068.88
3782028.78        6.95905  (16100802)
        402088.88   3782028.78        6.92109  (12020318)                402108.88
3782028.78        6.89523  (12020318)
        402128.88   3782028.78        6.89458  (12020318)                402148.88
3782028.78        7.09289  (12020318)
        402168.88   3782028.78        7.21783  (14100506)                402188.88
3782028.78        7.25639  (14100506)
        402208.88   3782028.78        7.17156  (15080504)                402228.88
3782028.78        7.21987  (15080504)
        402248.88   3782028.78        7.16739  (15080504)                402268.88
3782028.78        7.18410  (14091502)
        402288.88   3782028.78        7.18220  (14091502)                402308.88
3782028.78        7.28646  (14091502)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK   ***
                                 INCLUDING SOURCE(S):   L0000894   , L0000895
, L0000896   , L0000897   , L0000898   ,
                 L0000899   , L0000900   , L0000901   , L0000902   , L0000903
, L0000904   , L0000905   , L0000906   ,
                 L0000907   , L0000908   , L0000909   , L0000910   , L0000911
, L0000912   , L0000913   , L0000914   ,
                 L0000915   , L0000916   , L0000917   , L0000918   , L0000919
, L0000920   , L0000921   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402328.88   3782028.78   7.37681 (14091502)   402348.88
3782028.78   7.37378 (14091502)
        402368.88   3782028.78   7.43212 (14091502)   402388.88
3782028.78   7.45955 (14091502)
        402408.88   3782028.78   7.54238 (14091502)   402428.88
3782028.78   7.62927 (14091502)
        402448.88   3782028.78   7.72535 (14091502)   402468.88
3782028.78   7.85836 (14091502)
        402488.88   3782028.78   7.99590 (12100206)   402508.88
3782028.78   8.13225 (12100206)
        401308.88   3782048.78   6.48321 (15070205)   401328.88
3782048.78   6.50729 (13090623)
        401348.88   3782048.78   6.55681 (13090623)   401368.88
3782048.78   6.63077 (13090623)
        401388.88   3782048.78   6.68707 (13090623)   401408.88
3782048.78   6.75976 (13090623)
        401428.88   3782048.78   6.77964 (13090623)   401448.88
3782048.78   6.76924 (13090623)
        401468.88   3782048.78   6.81551 (16100902)   401488.88
3782048.78   7.00068 (16100902)
        401508.88   3782048.78   7.19112 (13090706)   401528.88
3782048.78   7.18549 (13090706)

401548.88 3782048.78 7.19913 (13090706) 401568.88
3782048.78 7.17204 (15090806)
401588.88 3782048.78 7.16224 (15090806) 401608.88
3782048.78 7.01712 (13090603)
401628.88 3782048.78 7.01689 (13090603) 401648.88
3782048.78 7.02809 (12100202)
401668.88 3782048.78 7.03532 (15092105) 401688.88
3782048.78 7.05321 (15092105)
401708.88 3782048.78 7.02378 (13090605) 401728.88
3782048.78 7.02482 (13090605)
401748.88 3782048.78 7.03427 (13090506) 401768.88
3782048.78 7.01913 (13090506)
401788.88 3782048.78 7.05615 (13090403) 401808.88
3782048.78 7.07635 (16062005)
401828.88 3782048.78 7.06266 (16062005) 401848.88
3782048.78 7.04167 (12092323)
401868.88 3782048.78 7.05507 (14100501) 401888.88
3782048.78 7.08699 (15101402)
401908.88 3782048.78 7.08596 (12101424) 401928.88
3782048.78 7.08582 (15102324)
401948.88 3782048.78 7.14203 (15072705) 401968.88
3782048.78 7.21629 (16081403)
401988.88 3782048.78 7.20289 (15091906) 402008.88
3782048.78 7.12594 (16100802)
402028.88 3782048.78 7.00348 (16100802) 402048.88
3782048.78 6.90254 (14100506)
402068.88 3782048.78 6.82286 (14100506) 402088.88
3782048.78 6.78024 (12020318)
402108.88 3782048.78 6.75516 (12020318) 402128.88
3782048.78 6.75637 (12020318)
402148.88 3782048.78 6.94874 (12020318) 402168.88
3782048.78 7.11683 (14100506)
402188.88 3782048.78 6.93643 (14100506) 402208.88
3782048.78 6.84658 (15080504)
402228.88 3782048.78 6.97899 (15080504) 402248.88
3782048.78 7.03756 (15080504)
402268.88 3782048.78 7.02927 (14091502) 402288.88
3782048.78 7.09149 (14091502)
402308.88 3782048.78 7.22215 (14091502) 402328.88
3782048.78 7.28882 (14091502)
402348.88 3782048.78 7.32751 (14091502) 402368.88
3782048.78 7.38528 (14091502)
402388.88 3782048.78 7.41009 (14091502) 402408.88
3782048.78 7.43070 (14091502)
402428.88 3782048.78 7.51845 (14091502) 402448.88
3782048.78 7.62745 (14091502)
402468.88 3782048.78 7.73599 (14091502) 402488.88
3782048.78 7.88797 (12100206)
402508.88 3782048.78 8.05699 (12100206) 401308.88
3782068.78 6.35709 (13090623)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401488.88	3782068.78	6.87442	(13090706)	401508.88	3782068.78	6.87500	(13090706)
401528.88	3782068.78	6.86434	(15090806)	401548.88	3782068.78	6.95800	(15090806)
401568.88	3782068.78	6.90005	(13090603)	401588.88	3782068.78	6.91248	(13090603)
401608.88	3782068.78	6.82317	(13090603)	401628.88	3782068.78	6.83925	(12100202)
401648.88	3782068.78	6.84629	(15092105)	401668.88	3782068.78	6.84389	(15092105)
401688.88	3782068.78	6.83924	(13090605)	401708.88	3782068.78	6.81692	(13062904)
401728.88	3782068.78	6.84404	(13090506)	401748.88			

3782068.78 6.82755 (13090403)
401768.88 3782068.78 6.86545 (13090403) 401788.88
3782068.78 6.90573 (16062005)
401808.88 3782068.78 6.93266 (13082701) 401828.88
3782068.78 6.88743 (12092323)
401848.88 3782068.78 6.99842 (14100501) 401868.88
3782068.78 7.01369 (15101402)
401888.88 3782068.78 7.03529 (12101424) 401908.88
3782068.78 7.06255 (15102324)
401928.88 3782068.78 7.07444 (12111623) 401948.88
3782068.78 7.17422 (16081403)
401968.88 3782068.78 7.13552 (15091906) 401988.88
3782068.78 7.06158 (15091906)
402008.88 3782068.78 6.94600 (16100802) 402028.88
3782068.78 6.83191 (16100802)
402048.88 3782068.78 6.73908 (14100506) 402068.88
3782068.78 6.67675 (14100506)
402088.88 3782068.78 6.64902 (12020318) 402108.88
3782068.78 6.63390 (12020318)
402128.88 3782068.78 6.63583 (14100506) 402148.88
3782068.78 6.78840 (12020318)
402168.88 3782068.78 6.94732 (14100506) 402188.88
3782068.78 6.70263 (15080504)
402208.88 3782068.78 6.74767 (15080504) 402228.88
3782068.78 6.77747 (14091502)
402248.88 3782068.78 6.85485 (14091502) 402268.88
3782068.78 6.92172 (14091502)
402288.88 3782068.78 6.99509 (14091502) 402308.88
3782068.78 7.12794 (14091502)
402328.88 3782068.78 7.23698 (14091502) 402348.88
3782068.78 7.31747 (14091502)
402368.88 3782068.78 7.37751 (14091502) 402388.88
3782068.78 7.41817 (14091502)
402408.88 3782068.78 7.41260 (14091502) 402428.88
3782068.78 7.46350 (14091502)
402448.88 3782068.78 7.57940 (14091502) 402468.88
3782068.78 7.66176 (12100206)
402488.88 3782068.78 7.80958 (12100206) 402508.88
3782068.78 7.98982 (12100206)
401308.88 3782088.78 6.25682 (13090623) 401328.88
3782088.78 6.28204 (13090623)
401348.88 3782088.78 6.29583 (13090623) 401368.88
3782088.78 6.29369 (16091905)
401388.88 3782088.78 6.32378 (16100902) 401408.88
3782088.78 6.33482 (16100902)
401428.88 3782088.78 6.40689 (13090706) 401448.88
3782088.78 6.44248 (13090706)
401468.88 3782088.78 6.55713 (13090706) 401488.88
3782088.78 6.68196 (13090706)
401508.88 3782088.78 6.68752 (15090806) 401528.88

3782088.78 6.69416 (15090806)
  401548.88 3782088.78 6.75183 (13090603) 401568.88
3782088.78 6.70563 (13090603)
  401588.88 3782088.78 6.68020 (13090603) 401608.88
3782088.78 6.63476 (12100202)
  401628.88 3782088.78 6.64862 (15092105) 401648.88
3782088.78 6.66361 (15092105)
  401668.88 3782088.78 6.65209 (13090605) 401688.88
3782088.78 6.63075 (13062904)
  401708.88 3782088.78 6.67378 (13090506) 401728.88
3782088.78 6.73392 (13090403)
  401748.88 3782088.78 6.69742 (13090403) 401768.88
3782088.78 6.70069 (16062005)
  401788.88 3782088.78 6.73042 (16062005) 401808.88
3782088.78 6.83147 (12092323)
  401828.88 3782088.78 6.85016 (14100501) 401848.88
3782088.78 6.95750 (15101402)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
  L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
  L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
  L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401868.88	3782088.78	7.03464	(12101424)	401888.88	3782088.78	6.98508	(15102324)
401908.88	3782088.78	7.07566	(15102324)	401928.88	3782088.78	7.16102	(16081403)

401948.88 3782088.78 7.15539 (16081403) 401968.88
3782088.78 7.02564 (15091906)
401988.88 3782088.78 6.87782 (16100802) 402008.88
3782088.78 6.79781 (16100802)
402028.88 3782088.78 6.71965 (14100506) 402048.88
3782088.78 6.61914 (14100506)
402068.88 3782088.78 6.56678 (14100506) 402088.88
3782088.78 6.53380 (14100506)
402108.88 3782088.78 6.52971 (14100506) 402128.88
3782088.78 6.52914 (14100506)
402148.88 3782088.78 6.57983 (14100506) 402168.88
3782088.78 6.74301 (14100506)
402188.88 3782088.78 6.67657 (15080504) 402208.88
3782088.78 6.67372 (15080504)
402228.88 3782088.78 6.75142 (14091502) 402248.88
3782088.78 6.77888 (14091502)
402268.88 3782088.78 6.83455 (14091502) 402288.88
3782088.78 6.90806 (14091502)
402308.88 3782088.78 7.03757 (14091502) 402328.88
3782088.78 7.16917 (14091502)
402348.88 3782088.78 7.26791 (14091502) 402368.88
3782088.78 7.33832 (14091502)
402388.88 3782088.78 7.39240 (14091502) 402408.88
3782088.78 7.41738 (14091502)
402428.88 3782088.78 7.40037 (14091502) 402448.88
3782088.78 7.49146 (14091502)
402468.88 3782088.78 7.58578 (12100206) 402488.88
3782088.78 7.73508 (12100206)
402508.88 3782088.78 7.99602 (12100206) 401308.88
3782108.78 6.10904 (13090623)
401328.88 3782108.78 6.11370 (16091905) 401348.88
3782108.78 6.15122 (16100902)
401368.88 3782108.78 6.15573 (16100902) 401388.88
3782108.78 6.19367 (13090706)
401408.88 3782108.78 6.24231 (13090706) 401428.88
3782108.78 6.27058 (13090706)
401448.88 3782108.78 6.28908 (15090806) 401468.88
3782108.78 6.33091 (15090806)
401488.88 3782108.78 6.44329 (15090806) 401508.88
3782108.78 6.41433 (13090603)
401528.88 3782108.78 6.46051 (13090603) 401548.88
3782108.78 6.41287 (13090603)
401568.88 3782108.78 6.40949 (12100202) 401588.88
3782108.78 6.42805 (15092105)
401608.88 3782108.78 6.44792 (15092105) 401628.88
3782108.78 6.45478 (13090605)
401648.88 3782108.78 6.47080 (13090605) 401668.88
3782108.78 6.48908 (13090506)
401688.88 3782108.78 6.55972 (13090506) 401708.88
3782108.78 6.65828 (13090403)

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        401728.88   3782108.78        6.72728  (16062005)                401748.88
3782108.78        6.67536  (16062005)
        401768.88   3782108.78        6.62499  (13082701)                401788.88
3782108.78        6.57132  (13082701)
        401808.88   3782108.78        6.77910  (14100501)                401828.88
3782108.78        6.91230  (15101402)
        401848.88   3782108.78        6.95030  (12101424)                401868.88
3782108.78        6.98738  (15093002)
        401888.88   3782108.78        6.97698  (15102324)                401908.88
3782108.78        7.06267  (15072705)
        401928.88   3782108.78        7.11402  (16081403)                401948.88
3782108.78        7.02603  (15091906)
        401968.88   3782108.78        6.86543  (15091906)                401988.88
3782108.78        6.72853  (16100802)
        402008.88   3782108.78        6.71277  (14100506)                402028.88
3782108.78        6.60953  (14100506)
        402048.88   3782108.78        6.50378  (14100506)                402068.88
3782108.78        6.45997  (14100506)
        402088.88   3782108.78        6.44298  (14100506)                402108.88
3782108.78        6.43629  (14100506)
        402128.88   3782108.78        6.43414  (14100506)                402148.88
3782108.78        6.44603  (15080504)
        402168.88   3782108.78        6.51956  (15080504)                402188.88
3782108.78        6.68982  (15080504)
        402208.88   3782108.78        6.54552  (15080504)                402228.88
3782108.78        6.69415  (14091502)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 368
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK    ***
                                   INCLUDING SOURCE(S):     L0000894    , L0000895
, L0000896    , L0000897    , L0000898    ,
                  L0000899    , L0000900    , L0000901    , L0000902    , L0000903
, L0000904    , L0000905    , L0000906    ,
                  L0000907    , L0000908    , L0000909    , L0000910    , L0000911
, L0000912    , L0000913    , L0000914    ,
                  L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402248.88	3782108.78	6.76602	(14091502)	402268.88	3782108.78	6.83016	(14091502)
402288.88	3782108.78	6.89471	(14091502)	402308.88	3782108.78	6.98459	(14091502)
402328.88	3782108.78	7.07706	(14091502)	402348.88	3782108.78	7.18726	(14091502)
402368.88	3782108.78	7.27212	(14091502)	402388.88	3782108.78	7.33987	(14091502)
402408.88	3782108.78	7.38837	(14091502)	402428.88	3782108.78	7.40141	(14091502)
402448.88	3782108.78	7.45271	(14091502)	402468.88	3782108.78	7.53009	(12100206)
402488.88	3782108.78	7.78264	(12100206)	402508.88	3782108.78	7.98119	(12100206)
401308.88	3782128.78	5.97260	(16100902)	401328.88	3782128.78	5.99743	(16100902)
401348.88	3782128.78	6.01777	(13090706)	401368.88	3782128.78	6.06239	(13090706)
401388.88	3782128.78	6.09361	(13090706)	401408.88	3782128.78	6.10643	(13090706)
401428.88	3782128.78	6.13182	(15090806)	401448.88	3782128.78	6.16485	(13083005)
401468.88	3782128.78	6.18859	(13090603)	401488.88	3782128.78	6.20997	(13090603)
401508.88	3782128.78	6.21422	(12100202)	401528.88	3782128.78	6.23330	(12100202)
401548.88	3782128.78	6.28209	(15092105)	401568.88	3782128.78	6.35486	(15092105)
401588.88	3782128.78	6.34969	(13090605)	401608.88	3782128.78	6.38495	(13090605)
401628.88	3782128.78	6.38189	(13062904)	401648.88	3782128.78	6.39060	(13090506)
401668.88	3782128.78	6.44164	(13090506)	401688.88	3782128.78	6.57667	(13090403)
401708.88	3782128.78	6.63926	(16062005)	401728.88	3782128.78	6.71599	(16062005)
401748.88	3782128.78	6.61383	(13082701)	401768.88	3782128.78	6.52744	(12092323)
401788.88	3782128.78	6.45714	(12092323)	401808.88	3782128.78	6.69535	(15101402)
401828.88	3782128.78	6.85535	(12101424)	401848.88	3782128.78	6.86934	(12101424)
401868.88	3782128.78	6.93026	(15102324)	401888.88	3782128.78	6.90532	(12111623)
401908.88	3782128.78	6.99329	(16081403)	401928.88			

3782128.78 6.94698 (16081403)
  401948.88 3782128.78 6.86264 (15091906) 401968.88
3782128.78 6.68541 (16100802)
  401988.88 3782128.78 6.62266 (16100802) 402008.88
3782128.78 6.59489 (14100506)
  402028.88 3782128.78 6.50104 (14100506) 402048.88
3782128.78 6.41191 (14100506)
  402068.88 3782128.78 6.35874 (14100506) 402088.88
3782128.78 6.35419 (14100506)
  402108.88 3782128.78 6.34993 (14100506) 402128.88
3782128.78 6.34870 (15080504)
  402148.88 3782128.78 6.36597 (15080504) 402168.88
3782128.78 6.38443 (15080504)
  402188.88 3782128.78 6.56185 (15080504) 402208.88
3782128.78 6.46499 (14091502)
  402228.88 3782128.78 6.61591 (14091502) 402248.88
3782128.78 6.71445 (14091502)
  402268.88 3782128.78 6.78540 (14091502) 402288.88
3782128.78 6.86156 (14091502)
  402308.88 3782128.78 6.93808 (14091502) 402328.88
3782128.78 7.02090 (14091502)
  402348.88 3782128.78 7.10891 (14091502) 402368.88
3782128.78 7.19478 (14091502)
  402388.88 3782128.78 7.26598 (14091502) 402408.88
3782128.78 7.32129 (14091502)
  402428.88 3782128.78 7.34850 (14091502) 402448.88
3782128.78 7.38931 (14091502)
  402468.88 3782128.78 7.55392 (12100206) 402488.88
3782128.78 7.79177 (12100206)
  402508.88 3782128.78 7.96570 (12100206) 401308.88
3782148.78 5.81361 (15072504)
  401328.88 3782148.78 5.89320 (13090706) 401348.88
3782148.78 5.92977 (13090706)
  401368.88 3782148.78 5.94419 (13090706) 401388.88
3782148.78 5.96096 (15090806)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
  L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
  L0000907 , L0000908 , L0000909 , L0000910 , L0000911

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, L0000912    , L0000913    , L0000914    ,
                L0000915    , L0000916    , L0000917    , L0000918    , L0000919
, L0000920    , L0000921    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        401408.88   3782148.78        5.97701  (15090806)               401428.88
3782148.78        6.02596  (13090603)
        401448.88   3782148.78        6.08196  (13090603)               401468.88
3782148.78        6.08797  (13090603)
        401488.88   3782148.78        6.21163  (12100202)               401508.88
3782148.78        6.22640  (15092105)
        401528.88   3782148.78        6.23145  (15092105)               401548.88
3782148.78        6.28773  (15092105)
        401568.88   3782148.78        6.36422  (13090605)               401588.88
3782148.78        6.34127  (13062904)
        401608.88   3782148.78        6.36851  (16092906)               401628.88
3782148.78        6.38876  (13090506)
        401648.88   3782148.78        6.36349  (15092402)               401668.88
3782148.78        6.41721  (13090403)
        401688.88   3782148.78        6.56930  (16062005)               401708.88
3782148.78        6.61628  (16062005)
        401728.88   3782148.78        6.61330  (13082701)               401748.88
3782148.78        6.54922  (12092323)
        401768.88   3782148.78        6.48701  (12092824)               401788.88
3782148.78        6.43235  (14100501)
        401808.88   3782148.78        6.61147  (12081906)               401828.88
3782148.78        6.73885  (12101424)
        401848.88   3782148.78        6.78675  (15102324)               401868.88
3782148.78        6.79088  (15102324)
        401888.88   3782148.78        6.84789  (15072705)               401908.88
3782148.78        6.85367  (16081403)
        401928.88   3782148.78        6.75605  (15091906)               401948.88
3782148.78        6.64974  (15091906)
        401968.88   3782148.78        6.56765  (16100802)               401988.88
3782148.78        6.54408  (14100506)
        402008.88   3782148.78        6.47041  (14100506)               402028.88
3782148.78        6.39454  (14100506)
        402048.88   3782148.78        6.32480  (14100506)               402068.88
3782148.78        6.28858  (14100506)
        402088.88   3782148.78        6.26939  (14100506)               402108.88
3782148.78        6.26978  (14100506)
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        402128.88   3782148.78        6.27538  (15080504)               402148.88
3782148.78        6.29168  (15080504)
        402168.88   3782148.78        6.30017  (15080504)               402188.88
3782148.78        6.43615  (15080504)
        402208.88   3782148.78        6.37814  (14091502)               402228.88
3782148.78        6.54213  (14091502)
        402248.88   3782148.78        6.64486  (14091502)               402268.88
3782148.78        6.72572  (14091502)
        402288.88   3782148.78        6.80322  (14091502)               402308.88
3782148.78        6.88208  (14091502)
        402328.88   3782148.78        6.95988  (14091502)               402348.88
3782148.78        7.03962  (14091502)
        402368.88   3782148.78        7.11839  (14091502)               402388.88
3782148.78        7.18816  (14091502)
        402408.88   3782148.78        7.25196  (14091502)               402428.88
3782148.78        7.32388  (14091502)
        402448.88   3782148.78        7.33449  (14091502)               402468.88
3782148.78        7.49415  (12100206)
        402488.88   3782148.78        7.73472  (12100206)               402508.88
3782148.78        7.90948  (16072404)
        401308.88   3782168.78        5.75831  (13090706)               401328.88
3782168.78        5.78095  (13090706)
        401348.88   3782168.78        5.79796  (15090806)               401368.88
3782168.78        5.82215  (15090806)
        401388.88   3782168.78        5.84485  (13083005)               401408.88
3782168.78        5.88505  (13090603)
        401428.88   3782168.78        5.92261  (13090603)               401448.88
3782168.78        5.91331  (13090603)
        401468.88   3782168.78        5.94167  (12100202)               401488.88
3782168.78        6.09120  (15092105)
        401508.88   3782168.78        6.21029  (15092105)               401528.88
3782168.78        6.21447  (13090605)
        401548.88   3782168.78        6.26308  (13090605)               401568.88
3782168.78        6.30509  (13062904)
        401588.88   3782168.78        6.31840  (13090506)               401608.88
3782168.78        6.34494  (13090506)
        401628.88   3782168.78        6.33388  (15092402)               401648.88
3782168.78        6.38003  (13090403)
        401668.88   3782168.78        6.38216  (16062005)               401688.88
3782168.78        6.50189  (16062005)
        401708.88   3782168.78        6.51196  (13082701)               401728.88
3782168.78        6.51491  (12092323)
        401748.88   3782168.78        6.45427  (12092824)               401768.88
3782168.78        6.45832  (14100501)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        05:36:20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401788.88	3782168.78	6.38245	(15101402)	401808.88	3782168.78	6.52321	(12101424)
401828.88	3782168.78	6.59620	(15093002)	401848.88	3782168.78	6.66619	(15102324)
401868.88	3782168.78	6.67641	(13082506)	401888.88	3782168.78	6.71832	(16081403)
401908.88	3782168.78	6.68889	(16081403)	401928.88	3782168.78	6.59903	(15091906)
401948.88	3782168.78	6.47368	(15091906)	401968.88	3782168.78	6.47409	(16100802)
401988.88	3782168.78	6.42650	(14100506)	402008.88	3782168.78	6.35071	(13122803)
402028.88	3782168.78	6.29163	(12020318)	402048.88	3782168.78	6.24750	(12020318)
402068.88	3782168.78	6.22127	(14100506)	402088.88	3782168.78	6.18953	(14100506)
402108.88	3782168.78	6.19603	(15080504)	402128.88	3782168.78	6.20684	(15080504)
402148.88	3782168.78	6.20161	(15080504)	402168.88	3782168.78	6.27974	(15080504)
402188.88	3782168.78	6.30805	(15080504)	402208.88	3782168.78	6.30507	(14091502)
402228.88	3782168.78	6.45531	(14091502)	402248.88	3782168.78	6.56097	(14091502)
402268.88	3782168.78	6.65023	(14091502)	402288.88	3782168.78	6.73208	(14091502)
402308.88	3782168.78	6.81096	(14091502)	402328.88			

3782168.78 6.88888 (14091502)
402348.88 3782168.78 6.96897 (14091502) 402368.88
3782168.78 7.04699 (14091502)
402388.88 3782168.78 7.12310 (14091502) 402408.88
3782168.78 7.20408 (14091502)
402428.88 3782168.78 7.26198 (14091502) 402448.88
3782168.78 7.27979 (12100206)
402468.88 3782168.78 7.41970 (12100206) 402488.88
3782168.78 7.66442 (12100206)
402508.88 3782168.78 7.84404 (16072404) 401308.88
3782188.78 5.64435 (13090706)
401328.88 3782188.78 5.69073 (15090806) 401348.88
3782188.78 5.70471 (13083005)
401368.88 3782188.78 5.78233 (13090603) 401388.88
3782188.78 5.80186 (13090603)
401408.88 3782188.78 5.80101 (13090603) 401428.88
3782188.78 5.82314 (12100202)
401448.88 3782188.78 5.82905 (12100202) 401468.88
3782188.78 5.82799 (15092105)
401488.88 3782188.78 5.91236 (15092105) 401508.88
3782188.78 6.07065 (13090605)
401528.88 3782188.78 6.17051 (13090605) 401548.88
3782188.78 6.18582 (16092906)
401568.88 3782188.78 6.25133 (13090506) 401588.88
3782188.78 6.24931 (13090506)
401608.88 3782188.78 6.26363 (13090403) 401628.88
3782188.78 6.32414 (13090403)
401648.88 3782188.78 6.36034 (16062005) 401668.88
3782188.78 6.35881 (16062005)
401688.88 3782188.78 6.38478 (13082701) 401708.88
3782188.78 6.41090 (12092323)
401728.88 3782188.78 6.38361 (12092824) 401748.88
3782188.78 6.39694 (14100501)
401768.88 3782188.78 6.38050 (15101402) 401788.88
3782188.78 6.31754 (12081906)
401808.88 3782188.78 6.42297 (12101424) 401828.88
3782188.78 6.49614 (15102324)
401848.88 3782188.78 6.50570 (15102324) 401868.88
3782188.78 6.57006 (15072705)
401888.88 3782188.78 6.59271 (16081403) 401908.88
3782188.78 6.53882 (15091906)
401928.88 3782188.78 6.49543 (16100802) 401948.88
3782188.78 6.37778 (16100802)
401968.88 3782188.78 6.34941 (14100506) 401988.88
3782188.78 6.29792 (14100506)
402008.88 3782188.78 6.24247 (12020318) 402028.88
3782188.78 6.20106 (12020318)
402048.88 3782188.78 6.16939 (12020318) 402068.88
3782188.78 6.13550 (14100506)
402088.88 3782188.78 6.11573 (14100506) 402108.88

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
  L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
  L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
  L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402168.88	3782188.78	6.19128	(15080504)	402188.88	3782188.78	6.19053	(15080504)
402208.88	3782188.78	6.25732	(14091502)	402228.88	3782188.78	6.36821	(14091502)
402248.88	3782188.78	6.47093	(14091502)	402268.88	3782188.78	6.56510	(14091502)
402288.88	3782188.78	6.64906	(14091502)	402308.88	3782188.78	6.73628	(14091502)
402328.88	3782188.78	6.81763	(14091502)	402348.88	3782188.78	6.90104	(14091502)
402368.88	3782188.78	6.98102	(14091502)	402388.88	3782188.78	7.06049	(14091502)
402408.88	3782188.78	7.14026	(14091502)	402428.88	3782188.78	7.19862	(14091502)
402448.88	3782188.78	7.26575	(12100206)	402468.88	3782188.78	7.37688	(12100206)
402488.88	3782188.78	7.60785	(12100206)	402508.88	3782188.78	7.78022	(16072404)

401308.88 3782208.78 5.55698 (13083005) 401328.88
3782208.78 5.60937 (13083005)
401348.88 3782208.78 5.69398 (13090603) 401368.88
3782208.78 5.72715 (13090603)
401388.88 3782208.78 5.77544 (12100202) 401408.88
3782208.78 5.80343 (12100202)
401428.88 3782208.78 5.79359 (12100202) 401448.88
3782208.78 5.84104 (15092105)
401468.88 3782208.78 5.83973 (15092105) 401488.88
3782208.78 5.78940 (13090605)
401508.88 3782208.78 5.92552 (13090605) 401528.88
3782208.78 6.03134 (16092906)
401548.88 3782208.78 6.11945 (13090506) 401568.88
3782208.78 6.13923 (13090506)
401588.88 3782208.78 6.15703 (13090403) 401608.88
3782208.78 6.20872 (13090403)
401628.88 3782208.78 6.23932 (16062005) 401648.88
3782208.78 6.26680 (16062005)
401668.88 3782208.78 6.24818 (13082701) 401688.88
3782208.78 6.27311 (12092323)
401708.88 3782208.78 6.27069 (15080404) 401728.88
3782208.78 6.30440 (14100501)
401748.88 3782208.78 6.30674 (15101402) 401768.88
3782208.78 6.26252 (12081906)
401788.88 3782208.78 6.25383 (12101424) 401808.88
3782208.78 6.31562 (12110603)
401828.88 3782208.78 6.38371 (15102324) 401848.88
3782208.78 6.40044 (13082506)
401868.88 3782208.78 6.45738 (15072705) 401888.88
3782208.78 6.46545 (16081403)
401908.88 3782208.78 6.43141 (16100802) 401928.88
3782208.78 6.36364 (16100802)
401948.88 3782208.78 6.26401 (16100802) 401968.88
3782208.78 6.23704 (14100506)
401988.88 3782208.78 6.18096 (13122803) 402008.88
3782208.78 6.13764 (12020318)
402028.88 3782208.78 6.10608 (12020318) 402048.88
3782208.78 6.07380 (12020318)
402068.88 3782208.78 6.04683 (14100506) 402088.88
3782208.78 6.05665 (14100506)
402108.88 3782208.78 6.07457 (15080504) 402128.88
3782208.78 6.06818 (15080504)
402148.88 3782208.78 6.06284 (15080504) 402168.88
3782208.78 6.07707 (15080504)
402188.88 3782208.78 6.14960 (15080504) 402208.88
3782208.78 6.19704 (14091502)
402228.88 3782208.78 6.28525 (14091502) 402248.88
3782208.78 6.38404 (14091502)
402268.88 3782208.78 6.49129 (14091502) 402288.88
3782208.78 6.58525 (14091502)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK ***
INCLUDING SOURCE(S): L0000894 , L0000895 , L0000896 , L0000897 , L0000898 ,
L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 ,
L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 ,
L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402111.58	3781631.84	153.78453	(12033117)	402072.78	3781724.63	33.65643	(15022217)
402058.72	3781776.93	13.12213	(15022217)	402061.53	3781812.92	10.85415	(16062005)
402065.47	3781834.86	10.05388	(16081403)	401913.06	3781829.79	10.55877	(15100906)
401870.32	3781887.16	9.57359	(12100202)	401788.78	3781884.91	9.66295	(13090706)
401791.03	3781611.59	7.73138	(12033117)				

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        399067.96   3778941.97   0.67418 (16092522)   399349.76   3778941.97   0.67649 (16093007)
        399631.56   3778941.97   0.73947 (16093007)   399913.36   3778941.97   0.81245 (16093007)
        400195.16   3778941.97   0.89600 (12111715)   400476.96   3778941.97   1.58076 (12111715)
        400758.76   3778941.97   1.39133 (12021515)   401040.56   3778941.97   1.60930 (12021515)
        401322.36   3778941.97   1.32139 (16093007)   401604.16   3778941.97   1.47136 (16093007)
        401885.96   3778941.97   1.65866 (16093007)   402167.76   3778941.97   1.90510 (16093007)
        402449.56   3778941.97   2.72971 (12111715)   402731.36   3778941.97   3.88427 (12021515)
        403013.16   3778941.97   4.23689 (12042618)   403294.96   3778941.97   4.22155 (12120216)
        403576.76   3778941.97   2.88963 (12120216)   403858.56   3778941.97   1.89322 (12111716)
        404140.36   3778941.97   1.29386 (16093007)   404422.16   3778941.97   1.21620 (14120116)

```
        404703.96   3778941.97        1.20215  (14120116)              399067.96
3779205.53        0.81902  (14080223)
        399349.76   3779205.53        0.78293  (14080223)              399631.56
3779205.53        0.79507  (16093007)
        399913.36   3779205.53        0.88058  (16093007)              400195.16
3779205.53        0.99383  (12021216)
        400476.96   3779205.53        1.49137  (12111715)              400758.76
3779205.53        1.79854  (12111715)
        401040.56   3779205.53        1.92773  (12021515)              401322.36
3779205.53        1.52132  (16093007)
        401604.16   3779205.53        1.71392  (16093007)              401885.96
3779205.53        1.98290  (16093007)
        402167.76   3779205.53        2.38983  (16093007)              402449.56
3779205.53        3.10359  (16093007)
        402731.36   3779205.53        7.41661  (12021515)              403013.16
3779205.53        9.42820  (12042618)
        403294.96   3779205.53        4.69834  (12120216)              403576.76
3779205.53        2.68549  (12120216)
        403858.56   3779205.53        1.83287  (16093007)              404140.36
3779205.53        1.49622  (16093007)
        404422.16   3779205.53        1.39367  (14120116)              404703.96
3779205.53        1.21733  (14120116)
        399067.96   3779469.09        0.97152  (15090805)              399349.76
3779469.09        0.90725  (14102423)
        399631.56   3779469.09        0.88855  (14091606)              399913.36
3779469.09        1.04114  (14091606)
        400195.16   3779469.09        1.09431  (14091606)              400476.96
3779469.09        1.19456  (16093007)
        400758.76   3779469.09        2.12137  (12111715)              401040.56
3779469.09        2.16961  (12021515)
        401322.36   3779469.09        1.85483  (12021515)              401604.16
3779469.09        1.98880  (16093007)
        401885.96   3779469.09        2.35368  (16093007)              402167.76
3779469.09        2.93790  (16093007)
        402449.56   3779469.09        4.19211  (16093007)              402731.36
3779469.09       11.17506  (12033117)
        403013.16   3779469.09       14.63655  (12120116)              403294.96
3779469.09        4.76202  (12120216)
        403576.76   3779469.09        2.91252  (16093007)              403858.56
3779469.09        2.15561  (16093007)
        404140.36   3779469.09        1.70409  (16093007)              404422.16
3779469.09        1.43651  (14120116)
        404703.96   3779469.09        1.18109  (16093007)              399067.96
3779732.65        1.11565  (15091205)
        399349.76   3779732.65        1.08105  (12092324)              399631.56
3779732.65        1.11194  (16092003)
        399913.36   3779732.65        1.25756  (15063020)              400195.16
3779732.65        1.32296  (15063020)
        400476.96   3779732.65        1.36380  (15063020)              400758.76
3779732.65        2.18081  (14072902)
```

401040.56 3779732.65 2.47329 (12111715) 401322.36
3779732.65 2.64916 (12021515)
401604.16 3779732.65 2.76176 (13090705) 401885.96
3779732.65 3.40618 (12091404)
402167.76 3779732.65 4.21554 (15090901) 402449.56
3779732.65 5.65439 (12071903)
402731.36 3779732.65 11.02544 (16093007) 403013.16
3779732.65 18.24159 (16093007)
403294.96 3779732.65 5.76906 (16093007) 403576.76
3779732.65 3.47389 (16093007)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
403858.56	3779732.65	2.47256	(16093007)	404140.36	3779732.65	1.89442	(16093007)
404422.16	3779732.65	1.53507	(16093007)	404703.96	3779732.65	1.27630	(16093007)
399067.96	3779996.21	1.26208	(15090804)	399349.76	3779996.21	1.26894	(14091323)
399631.56	3779996.21	1.32560	(14091323)	399913.36	3779996.21	1.45657	(14091323)
400195.16	3779996.21	1.56716	(16061723)	400476.96	3779996.21	1.78553	(15092103)
400758.76	3779996.21	2.70323	(14091323)	401040.56			

3779996.21 3.26725 (12111715)
401322.36 3779996.21 3.54302 (12021515) 401604.16
3779996.21 3.77181 (15100821)
401885.96 3779996.21 4.42626 (13090623) 402167.76
3779996.21 5.37906 (13083005)
402449.56 3779996.21 7.06079 (16062005) 402731.36
3779996.21 12.25176 (14091502)
403013.16 3779996.21 23.22997 (12071919) 403294.96
3779996.21 6.64855 (16093007)
403576.76 3779996.21 3.93497 (16093007) 403858.56
3779996.21 2.74841 (16093007)
404140.36 3779996.21 2.08298 (16093007) 404422.16
3779996.21 1.65958 (16093007)
404703.96 3779996.21 1.36558 (16093007) 399067.96
3780259.77 1.39911 (14091323)
399349.76 3780259.77 1.39928 (14092424) 399631.56
3780259.77 1.51280 (15092103)
399913.36 3780259.77 1.68497 (14091604) 400195.16
3780259.77 1.97632 (15092106)
400476.96 3780259.77 2.70050 (15092103) 400758.76
3780259.77 3.01397 (14091604)
401040.56 3780259.77 3.35432 (15091204) 401322.36
3780259.77 4.20619 (12021515)
401604.16 3780259.77 4.32619 (13090623) 401885.96
3780259.77 4.94426 (13090706)
402167.76 3780259.77 5.88467 (13090605) 402449.56
3780259.77 7.85277 (15101402)
402731.36 3780259.77 13.75756 (14091502) 403013.16
3780259.77 26.82798 (16093007)
403294.96 3780259.77 7.31266 (16093007) 403576.76
3780259.77 4.30968 (16093007)
403858.56 3780259.77 2.98780 (16093007) 404140.36
3780259.77 2.23987 (16093007)
404422.16 3780259.77 1.76955 (16093007) 404703.96
3780259.77 1.98222 (12031616)
399067.96 3780523.33 1.54846 (14091604) 399349.76
3780523.33 1.57495 (15092106)
399631.56 3780523.33 1.65037 (15091204) 399913.36
3780523.33 1.90241 (13082604)
400195.16 3780523.33 2.41298 (15100821) 400476.96
3780523.33 2.78348 (15100821)
400758.76 3780523.33 3.21781 (15091204) 401040.56
3780523.33 3.66076 (15100821)
401322.36 3780523.33 5.84507 (12111715) 401604.16
3780523.33 5.61691 (12021515)
401885.96 3780523.33 5.40641 (13083005) 402167.76
3780523.33 6.35891 (16062005)
402449.56 3780523.33 8.22329 (15102324) 402731.36
3780523.33 14.29180 (12100206)
403013.16 3780523.33 33.91719 (16093007) 403294.96

3780523.33   8.98754 (12100219)
        403576.76   3780523.33   4.66576 (12080921)   403858.56
3780523.33   3.19045 (16093007)
        404140.36   3780523.33   2.82279 (12031616)   404422.16
3780523.33   3.35983 (12031616)
        404703.96   3780523.33   3.61994 (12031616)   399067.96
3780786.89   1.63089 (15091204)
        399349.76   3780786.89   1.71978 (15100821)   399631.56
3780786.89   1.47800 (15091501)
        399913.36   3780786.89   2.05467 (14090905)   400195.16
3780786.89   2.57766 (14090905)
        400476.96   3780786.89   3.01576 (15091105)   400758.76
3780786.89   3.42054 (15092106)
        401040.56   3780786.89   3.99312 (14020617)   401322.36
3780786.89   6.37906 (12111715)
        401604.16   3780786.89   9.09786 (12021515)   401885.96
3780786.89   6.30377 (13090623)
        402167.76   3780786.89   7.71095 (12042618)   402449.56
3780786.89   8.76200 (16081403)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        402731.36   3780786.89   14.53731 (14091503)   403013.16 3780786.89   44.92336 (16093007)

403294.96 3780786.89 10.61348 (13080302) 403576.76
3780786.89 6.26021 (16072221)
403858.56 3780786.89 5.42681 (12031616) 404140.36
3780786.89 5.39409 (12031616)
404422.16 3780786.89 4.63709 (12031616) 404703.96
3780786.89 3.51382 (12031616)
399067.96 3781050.45 1.73325 (15091105) 399349.76
3781050.45 1.85759 (15091501)
399631.56 3781050.45 1.99498 (15070205) 399913.36
3781050.45 2.08865 (13090623)
400195.16 3781050.45 2.74926 (13090623) 400476.96
3781050.45 3.14031 (15091105)
400758.76 3781050.45 3.79818 (14020617) 401040.56
3781050.45 4.77667 (14020617)
401322.36 3781050.45 6.12614 (14020617) 401604.16
3781050.45 13.84839 (12111715)
401885.96 3781050.45 9.07101 (13071806) 402167.76
3781050.45 14.24276 (12042618)
402449.56 3781050.45 10.19234 (14102506) 402731.36
3781050.45 15.02169 (14091503)
403013.16 3781050.45 70.67098 (12031616) 403294.96
3781050.45 12.64111 (12090501)
403576.76 3781050.45 9.81054 (12031616) 403858.56
3781050.45 7.37714 (12031616)
404140.36 3781050.45 4.87278 (12120116) 404422.16
3781050.45 4.44025 (12120116)
404703.96 3781050.45 3.92295 (12120116) 399067.96
3781314.01 1.81974 (14090905)
399349.76 3781314.01 1.90234 (13090623) 399631.56
3781314.01 2.11890 (13090623)
399913.36 3781314.01 2.51586 (13090623) 400195.16
3781314.01 3.27209 (12022717)
400476.96 3781314.01 4.16140 (12022717) 400758.76
3781314.01 4.96422 (12022717)
401040.56 3781314.01 5.60069 (14020617) 401322.36
3781314.01 8.08037 (14020617)
401604.16 3781314.01 18.24911 (12111715) 401885.96
3781314.01 21.57356 (12021515)
402167.76 3781314.01 27.25357 (12120216) 402449.56
3781314.01 14.96440 (14102506)
402731.36 3781314.01 18.33324 (12022708) 403013.16
3781314.01 109.12106 (12022708)
403294.96 3781314.01 16.80237 (12031616) 403576.76
3781314.01 11.52017 (12120116)
403858.56 3781314.01 8.07308 (12120116) 404140.36
3781314.01 5.49847 (12120116)
404422.16 3781314.01 3.92523 (12120116) 404703.96
3781314.01 3.15560 (12081723)
399067.96 3781577.57 1.81037 (13090623) 399349.76
3781577.57 1.88815 (13090706)

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        399631.56   3781577.57        2.25642  (16100902)               399913.36
3781577.57        2.46583  (15100821)
        400195.16   3781577.57        2.84969  (14020617)               400476.96
3781577.57        3.39428  (14020617)
        400758.76   3781577.57        4.52943  (12022717)               401040.56
3781577.57        8.29875  (12022717)
        401322.36   3781577.57       15.94983  (12022717)               401604.16
3781577.57       28.39063  (12022717)
        401885.96   3781577.57       98.85848  (12021515)               402167.76
3781577.57      108.88159  (12031616)
        402449.56   3781577.57      149.35567  (12120116)               402731.36
3781577.57      131.05223  (12120116)
        403013.16   3781577.57      139.72305  (12120116)               403294.96
3781577.57       13.55267  (12093020)
        403576.76   3781577.57        7.84024  (16092519)               403858.56
3781577.57        5.15935  (12071206)
        404140.36   3781577.57        4.62719  (12100119)               404422.16
3781577.57        3.52838  (14091419)
        404703.96   3781577.57        3.15006  (14091419)               399067.96
3781841.13        1.83211  (12120215)
        399349.76   3781841.13        2.17708  (12120215)               399631.56
3781841.13        2.64762  (12120215)
        399913.36   3781841.13        3.30781  (12120215)               400195.16
3781841.13        4.25933  (12120215)
        400476.96   3781841.13        6.65507  (12033117)               400758.76
3781841.13       10.68474  (12033117)
        401040.56   3781841.13       20.52109  (12033117)               401322.36
3781841.13       38.42153  (12033117)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 376
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401604.16	3781841.13	76.09502	(12033117)	402167.76	3781841.13	86.94649	(12121716)
402449.56	3781841.13	40.23957	(12043018)	402731.36	3781841.13	19.88872	(12043018)
403013.16	3781841.13	25.54770	(12090223)	403294.96	3781841.13	19.35190	(16061922)
403576.76	3781841.13	13.61271	(15081220)	403858.56	3781841.13	5.52117	(16072221)
404140.36	3781841.13	4.22689	(12071206)	404422.16	3781841.13	6.40540	(13082919)
404703.96	3781841.13	3.64044	(12080720)	399067.96	3782104.69	2.72281	(12033117)
399349.76	3782104.69	3.45948	(12033117)	399631.56	3782104.69	4.41631	(12033117)
399913.36	3782104.69	5.59276	(12033117)	400195.16	3782104.69	8.87309	(15112117)
400476.96	3782104.69	14.80631	(16072305)	400758.76	3782104.69	9.59709	(13021501)
401040.56	3782104.69	28.03204	(13090623)	401322.36	3782104.69	36.48892	(13090603)
401604.16	3782104.69	46.05505	(12092323)	401885.96	3782104.69	49.83457	(13082624)
402167.76	3782104.69	38.35482	(15092101)	402449.56	3782104.69	31.17861	(15091021)
402731.36	3782104.69	25.45802	(12080821)	403013.16	3782104.69	21.65353	(15063021)
403294.96	3782104.69	17.41900	(13083101)	403576.76	3782104.69	14.59419	(14091320)
403858.56	3782104.69	5.25151	(12043018)	404140.36	3782104.69	11.17732	(13083024)
404422.16	3782104.69	10.19041	(14090723)	404703.96	3782104.69	10.15820	(14090723)
399067.96	3782368.25	3.01443	(12033117)	399349.76	3782368.25	3.15897	(12033117)
399631.56	3782368.25	4.87544	(15060922)	399913.36	3782368.25	10.55623	(15090901)
400195.16	3782368.25	13.28060	(14090905)	400476.96	3782368.25	19.37780	(13090623)
400758.76	3782368.25	22.19641	(13090706)	401040.56	3782368.25	26.15716	(15092105)
401322.36	3782368.25	31.01101	(13082701)	401604.16	3782368.25	38.22750	(16081403)
401885.96	3782368.25	35.20001	(13082624)	402167.76			

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3782368.25       29.90846  (12100219)
        402449.56   3782368.25       28.57990  (13062822)                402731.36
3782368.25       24.32439  (14091424)
        403013.16   3782368.25       20.48367  (13090620)                403294.96
3782368.25       16.80665  (12081924)
        403576.76   3782368.25       14.62864  (13082920)                403858.56
3782368.25       11.91385  (15063021)
        404140.36   3782368.25       10.72732  (13090420)                404422.16
3782368.25       10.04623  (12082822)
        404703.96   3782368.25        8.80916  (14091320)                399067.96
3782631.81        1.85335  (12100202)
        399349.76   3782631.81        7.91002  (13092404)                399631.56
3782631.81        4.93108  (12091405)
        399913.36   3782631.81       14.24577  (13090623)                400195.16
3782631.81       15.45000  (15072504)
        400476.96   3782631.81       16.50596  (13090603)                400758.76
3782631.81       19.24541  (13090605)
        401040.56   3782631.81       24.85942  (16062005)                401322.36
3782631.81       27.78991  (15093002)
        401604.16   3782631.81       27.91572  (14091502)                401885.96
3782631.81       26.63828  (13082624)
        402167.76   3782631.81       24.73901  (12093020)                402449.56
3782631.81       23.01682  (16110917)
        402731.36   3782631.81       20.47965  (15091221)                403013.16
3782631.81       17.93832  (12090220)
        403294.96   3782631.81       15.75532  (12082820)                403576.76
3782631.81       13.45400  (12080924)
        403858.56   3782631.81       11.46678  (12081924)                404140.36
3782631.81       10.50467  (13083023)
        404422.16   3782631.81        9.60371  (14091723)                404703.96
3782631.81        8.57798  (14070522)
        399067.96   3782895.37        1.79889  (13090603)                399349.76
3782895.37        2.65297  (12011122)
        399631.56   3782895.37       11.58846  (15072504)                399913.36
3782895.37       13.26622  (15090806)
        400195.16   3782895.37       13.46937  (12100202)                400476.96
3782895.37       15.18847  (13062904)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 377
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
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, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        400758.76   3782895.37       18.86122  (16062005)               401040.56
3782895.37       20.71492  (15101402)
        401322.36   3782895.37       22.49473  (15072705)               401604.16
3782895.37       21.69908  (12100206)
        401885.96   3782895.37       21.00074  (13082624)               402167.76
3782895.37       20.06593  (13012319)
        402449.56   3782895.37       18.91943  (16092519)               402731.36
3782895.37       17.37230  (15090824)
        403013.16   3782895.37       15.39482  (13082023)               403294.96
3782895.37       14.01212  (12081723)
        403576.76   3782895.37       12.52465  (14091419)               403858.56
3782895.37       11.22288  (13090620)
        404140.36   3782895.37       10.07880  (13082821)               404422.16
3782895.37        9.05184  (12081924)
        404703.96   3782895.37        8.28604  (12090420)               399067.96
3783158.93        2.83951  (13012505)
        399349.76   3783158.93       10.45028  (15090806)               399631.56
3783158.93       10.60104  (13090603)
        399913.36   3783158.93       11.47395  (15092105)               400195.16
3783158.93       13.04117  (16092906)
        400476.96   3783158.93       14.77983  (12081803)               400758.76
3783158.93       15.95387  (14100501)
        401040.56   3783158.93       17.96282  (15102324)               401322.36
3783158.93       18.40543  (14100506)
        401604.16   3783158.93       17.86714  (14091503)               401885.96
3783158.93       17.40345  (13082624)
        402167.76   3783158.93       16.65383  (13092320)               402449.56
3783158.93       15.82107  (13042102)
        402731.36   3783158.93       14.72129  (16110917)               403013.16
3783158.93       12.77657  (12090720)
        403294.96   3783158.93       12.54215  (12080922)               403576.76
3783158.93       11.37929  (12081723)
        403858.56   3783158.93       10.38611  (15091021)               404140.36
3783158.93        9.38629  (13082420)
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        404422.16   3783158.93        8.61940  (12082821)               404703.96
3783158.93        7.79657  (13082821)
        399067.96   3783422.49        9.47686  (13090603)               399349.76
3783422.49        9.12347  (12100202)
        399631.56   3783422.49        9.98972  (14040903)               399913.36
3783422.49       11.17727  (13090506)
        400195.16   3783422.49       12.53503  (12081803)               400476.96
3783422.49       13.48975  (15080404)
        400758.76   3783422.49       14.62909  (12101424)               401040.56
3783422.49       15.49215  (15072705)
        401322.36   3783422.49       15.10440  (14091823)               401604.16
3783422.49       14.84673  (12090123)
        401885.96   3783422.49       14.81728  (13082624)               402167.76
3783422.49       14.26461  (15043023)
        402449.56   3783422.49       13.56301  (16102423)               402731.36
3783422.49       13.00257  (16092519)
        403013.16   3783422.49       10.76316  (12080921)               403294.96
3783422.49       11.29119  (13062822)
        403576.76   3783422.49       10.36712  (12080922)               403858.56
3783422.49        9.46384  (12081723)
        404140.36   3783422.49        8.75301  (14091424)               404422.16
3783422.49        7.92129  (12082820)
        404703.96   3783422.49        6.90170  (12080920)               399067.96
3783686.05        8.10903  (16110402)
        399349.76   3783686.05        8.99179  (13090605)               399631.56
3783686.05        9.89084  (13090506)
        399913.36   3783686.05       10.70272  (12081803)               400195.16
3783686.05       11.49337  (12092323)
        400476.96   3783686.05       12.30561  (12081906)               400758.76
3783686.05       12.93707  (16042224)
        401040.56   3783686.05       13.44566  (16100802)               401322.36
3783686.05       12.79654  (13082524)
        401604.16   3783686.05       12.50786  (12091605)               401885.96
3783686.05       12.07586  (13082624)
        402167.76   3783686.05       11.46652  (16072224)               402449.56
3783686.05       10.97813  (14080322)
        402731.36   3783686.05        9.31739  (14091824)               403013.16
3783686.05        7.43878  (14051820)
        403294.96   3783686.05       10.07278  (15090824)               403576.76
3783686.05        9.43666  (15060902)
        403858.56   3783686.05        8.71091  (12080922)               404140.36
3783686.05        8.10198  (13082901)
        404422.16   3783686.05        7.55858  (14091424)               404703.96
3783686.05        5.91455  (15091020)
        399067.96   3783949.61        7.88754  (13062904)               399349.76
3783949.61        8.60668  (13090506)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
399631.56	3783949.61	9.26267	(12081803)	399913.36	3783949.61	9.82893	(12092323)
400195.16	3783949.61	10.45345	(15101402)	400476.96	3783949.61	10.98254	(12110603)
400758.76	3783949.61	11.45701	(15072705)	401040.56	3783949.61	11.66755	(15080504)
401322.36	3783949.61	11.21550	(12100206)	401604.16	3783949.61	10.74131	(16072205)
401885.96	3783949.61	8.32138	(16091906)	402167.76	3783949.61	7.04806	(13030301)
402449.56	3783949.61	8.08914	(16090406)	402731.36	3783949.61	6.25796	(12050621)
403013.16	3783949.61	9.18480	(13101921)	403294.96	3783949.61	9.17270	(15092101)
403576.76	3783949.61	8.58875	(12090720)	403858.56	3783949.61	8.09177	(13031319)
404140.36	3783949.61	7.57101	(15101321)	404422.16	3783949.61	6.12241	(12091020)
404703.96	3783949.61	5.20636	(16072522)	399067.96	3784213.17	7.64244	(15092402)
399349.76	3784213.17	8.14445	(12081803)	399631.56	3784213.17	8.61021	(15100801)
399913.36	3784213.17	9.12940	(14100501)	400195.16	3784213.17	8.87368	(12101424)
400476.96	3784213.17	8.23575	(13012703)	400758.76			

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3784213.17        8.06849  (16092221)
        401040.56   3784213.17       10.04547  (14091823)                401322.36
3784213.17        9.98136  (16072404)
        401604.16   3784213.17        9.81011  (14091422)                401885.96
3784213.17        6.37090  (13051722)
        402167.76   3784213.17        3.61711  (15022819)                402449.56
3784213.17        5.12503  (12082705)
        402731.36   3784213.17        8.19623  (12090501)                403013.16
3784213.17        8.59028  (15102804)
        403294.96   3784213.17        8.30299  (13072221)                403576.76
3784213.17        7.89999  (12080921)
        403858.56   3784213.17        7.06948  (12100119)                404140.36
3784213.17        5.71676  (12092420)
        404422.16   3784213.17        4.09494  (12090219)                404703.96
3784213.17        5.14452  (12091020)
        401308.88   3781008.78        5.80996  (14020617)                401328.88
3781008.78        5.89723  (14020617)
        401348.88   3781008.78        5.99622  (14020617)                401368.88
3781008.78        6.14239  (12021216)
        401388.88   3781008.78        6.90821  (12111715)                401408.88
3781008.78        7.76670  (12111715)
        401428.88   3781008.78        8.66447  (12111715)                401448.88
3781008.78        9.53977  (12111715)
        401468.88   3781008.78       10.33858  (12111715)                401488.88
3781008.78       11.06031  (12111715)
        401508.88   3781008.78       11.68966  (12111715)                401528.88
3781008.78       12.17154  (12111715)
        401548.88   3781008.78       12.49924  (12111715)                401568.88
3781008.78       12.67686  (12111715)
        401588.88   3781008.78       12.67880  (12111715)                401608.88
3781008.78       12.53880  (12111715)
        401628.88   3781008.78       12.79862  (12021515)                401648.88
3781008.78       13.18086  (12021515)
        401668.88   3781008.78       13.37507  (12021515)                401688.88
3781008.78       13.35679  (12021515)
        401708.88   3781008.78       13.12418  (12021515)                401728.88
3781008.78       12.72593  (12021515)
        401748.88   3781008.78       12.16461  (12021515)                401768.88
3781008.78       11.46748  (12021515)
        401788.88   3781008.78       10.68038  (12021515)                401808.88
3781008.78        9.81600  (12021515)
        401828.88   3781008.78        8.93164  (12021515)                401848.88
3781008.78        8.29010  (13071806)
        401868.88   3781008.78        8.35730  (13071806)                401888.88
3781008.78        8.42579  (13071806)
        401908.88   3781008.78        8.48628  (13071806)                401928.88
3781008.78        8.65947  (12101116)
        401948.88   3781008.78        9.21869  (12101116)                401968.88
3781008.78        9.65084  (12101116)
        401988.88   3781008.78        9.94247  (12101116)                402008.88
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3781008.78   10.08413 (12101116)
        402028.88   3781008.78   10.03836 (12101116)   402048.88
3781008.78   9.90011 (12101116)
        402068.88   3781008.78   10.17392 (12042618)   402088.88
3781008.78   11.00197 (12042618)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                             ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        402108.88   3781008.78   11.74159 (12042618)   402128.88
3781008.78   12.32815 (12042618)
        402148.88   3781008.78   12.74856 (12042618)   402168.88
3781008.78   12.98258 (12042618)
        402188.88   3781008.78   13.07540 (12042618)   402208.88
3781008.78   13.00919 (12042618)
        402228.88   3781008.78   12.79267 (12042618)   402248.88
3781008.78   12.75292 (12120216)
        402268.88   3781008.78   13.06040 (12120216)   402288.88
3781008.78   13.18896 (12120216)
        402308.88   3781008.78   13.11730 (12120216)   402328.88
3781008.78   12.90227 (12120216)
        402348.88   3781008.78   12.49825 (12120216)   402368.88
3781008.78   11.96909 (12120216)
        402388.88   3781008.78   11.32802 (12120216)   402408.88
3781008.78   10.59638 (12120216)

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        402428.88   3781008.78        9.81285  (12120216)               402448.88
3781008.78        9.83754  (14100506)
        402468.88   3781008.78        9.99033  (14100506)               402488.88
3781008.78       10.14183  (14100506)
        402508.88   3781008.78       10.33318  (15080504)               401308.88
3781028.78        5.93533  (14020617)
        401328.88   3781028.78        6.02187  (14020617)               401348.88
3781028.78        6.13765  (14020617)
        401368.88   3781028.78        6.23279  (14020617)               401388.88
3781028.78        6.64086  (12111715)
        401408.88   3781028.78        7.58449  (12111715)               401428.88
3781028.78        8.50473  (12111715)
        401448.88   3781028.78        9.41908  (12111715)               401468.88
3781028.78       10.31717  (12111715)
        401488.88   3781028.78       11.11179  (12111715)               401508.88
3781028.78       11.82084  (12111715)
        401528.88   3781028.78       12.41207  (12111715)               401548.88
3781028.78       12.84592  (12111715)
        401568.88   3781028.78       13.11859  (12111715)               401588.88
3781028.78       13.20434  (12111715)
        401608.88   3781028.78       13.13359  (12111715)               401628.88
3781028.78       13.11670  (12021515)
        401648.88   3781028.78       13.58557  (12021515)               401668.88
3781028.78       13.85270  (12021515)
        401688.88   3781028.78       13.90728  (12021515)               401708.88
3781028.78       13.73932  (12021515)
        401728.88   3781028.78       13.38256  (12021515)               401748.88
3781028.78       12.84891  (12021515)
        401768.88   3781028.78       12.15499  (12021515)               401788.88
3781028.78       11.35695  (12021515)
        401808.88   3781028.78       10.47270  (12021515)               401828.88
3781028.78        9.55691  (12021515)
        401848.88   3781028.78        8.61830  (12021515)               401868.88
3781028.78        8.65176  (13071806)
        401888.88   3781028.78        8.73410  (13071806)               401908.88
3781028.78        8.79324  (13071806)
        401928.88   3781028.78        9.06803  (12101116)               401948.88
3781028.78        9.64976  (12101116)
        401968.88   3781028.78       10.08681  (12101116)               401988.88
3781028.78       10.36929  (12101116)
        402008.88   3781028.78       10.49188  (12101116)               402028.88
3781028.78       10.42866  (12101116)
        402048.88   3781028.78       10.25190  (12101116)               402068.88
3781028.78       10.86903  (12042618)
        402088.88   3781028.78       11.71515  (12042618)               402108.88
3781028.78       12.41215  (12042618)
        402128.88   3781028.78       12.97823  (12042618)               402148.88
3781028.78       13.37609  (12042618)
        402168.88   3781028.78       13.55091  (12042618)               402188.88
3781028.78       13.58974  (12042618)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402488.88	3781028.78	10.28763	(15080504)	402508.88	3781028.78	10.46274	(15080504)
401308.88	3781048.78	6.04899	(14020617)	401328.88	3781048.78	6.15541	(14020617)
401348.88	3781048.78	6.26153	(14020617)	401368.88	3781048.78	6.36142	(14020617)
401388.88	3781048.78	6.51579	(12021216)	401408.88			

3781048.78 7.31297 (12111715)
401428.88 3781048.78 8.29111 (12111715) 401448.88
3781048.78 9.27612 (12111715)
401468.88 3781048.78 10.22488 (12111715) 401488.88
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401508.88 3781048.78 11.96045 (12111715) 401528.88
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401548.88 3781048.78 13.16881 (12111715) 401568.88
3781048.78 13.53919 (12111715)
401588.88 3781048.78 13.73130 (12111715) 401608.88
3781048.78 13.78642 (12111715)
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3781048.78 14.02883 (12021515)
401668.88 3781048.78 14.36219 (12021515) 401688.88
3781048.78 14.46417 (12021515)
401708.88 3781048.78 14.37585 (12021515) 401728.88
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3781048.78 11.17114 (12021515)
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401868.88 3781048.78 8.97096 (13071806) 401888.88
3781048.78 9.05132 (13071806)
401908.88 3781048.78 9.11501 (15120908) 401928.88
3781048.78 9.48836 (12101116)
401948.88 3781048.78 10.08430 (12101116) 401968.88
3781048.78 10.51594 (12101116)
401988.88 3781048.78 10.79644 (12101116) 402008.88
3781048.78 10.89509 (12101116)
402028.88 3781048.78 10.79456 (12101116) 402048.88
3781048.78 10.61404 (12042618)
402068.88 3781048.78 11.58804 (12042618) 402088.88
3781048.78 12.45041 (12042618)
402108.88 3781048.78 13.12758 (12042618) 402128.88
3781048.78 13.67966 (12042618)
402148.88 3781048.78 14.01619 (12042618) 402168.88
3781048.78 14.19938 (12042618)
402188.88 3781048.78 14.14193 (12042618) 402208.88
3781048.78 13.90079 (12042618)
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3781048.78 14.16748 (12120216)
402268.88 3781048.78 14.30593 (12120216) 402288.88
3781048.78 14.24307 (12120216)
402308.88 3781048.78 13.94326 (12120216) 402328.88
3781048.78 13.49756 (12120216)
402348.88 3781048.78 12.89841 (12120216) 402368.88
3781048.78 12.16854 (12120216)
402388.88 3781048.78 11.35492 (12120216) 402408.88

3781048.78   10.47433 (12120216)
        402428.88   3781048.78   10.08463 (14102506)   402448.88
3781048.78   10.16876 (14102506)
        402468.88   3781048.78   10.29058 (14100506)   402488.88
3781048.78   10.43548 (15080504)
        402508.88   3781048.78   10.60464 (15080504)   401308.88
3781068.78   6.17643 (14020617)
        401328.88   3781068.78   6.27793 (14020617)   401348.88
3781068.78   6.39458 (14020617)
        401368.88   3781068.78   6.50072 (14020617)   401388.88
3781068.78   6.62681 (14020617)
        401408.88   3781068.78   7.02908 (12111715)   401428.88
3781068.78   8.05189 (12111715)
        401448.88   3781068.78   9.07664 (12111715)   401468.88
3781068.78   10.08937 (12111715)
        401488.88   3781068.78   11.09125 (12111715)   401508.88
3781068.78   12.00932 (12111715)
        401528.88   3781068.78   12.82783 (12111715)   401548.88
3781068.78   13.45409 (12111715)
        401568.88   3781068.78   13.95032 (12111715)   401588.88
3781068.78   14.24953 (12111715)
        401608.88   3781068.78   14.40396 (12111715)   401628.88
3781068.78   14.33314 (12111715)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)

- -
401648.88 3781068.78 14.43283 (12021515) 401668.88
3781068.78 14.90135 (12021515)
401688.88 3781068.78 15.07392 (12021515) 401708.88
3781068.78 15.03059 (12021515)
401728.88 3781068.78 14.79359 (12021515) 401748.88
3781068.78 14.31102 (12021515)
401768.88 3781068.78 13.64839 (12021515) 401788.88
3781068.78 12.84569 (12021515)
401808.88 3781068.78 11.94621 (12021515) 401828.88
3781068.78 10.95578 (12021515)
401848.88 3781068.78 9.92105 (12021515) 401868.88
3781068.78 9.31610 (13071806)
401888.88 3781068.78 9.40113 (13071806) 401908.88
3781068.78 9.47430 (15120908)
401928.88 3781068.78 9.93594 (12101116) 401948.88
3781068.78 10.55880 (12101116)
401968.88 3781068.78 11.01911 (12101116) 401988.88
3781068.78 11.28046 (12101116)
402008.88 3781068.78 11.37563 (12101116) 402028.88
3781068.78 11.21429 (12101116)
402048.88 3781068.78 11.39645 (12042618) 402068.88
3781068.78 12.39558 (12042618)
402088.88 3781068.78 13.25061 (12042618) 402108.88
3781068.78 13.89498 (12042618)
402128.88 3781068.78 14.40658 (12042618) 402148.88
3781068.78 14.69974 (12042618)
402168.88 3781068.78 14.76148 (12042618) 402188.88
3781068.78 14.64456 (12042618)
402208.88 3781068.78 14.34055 (12042618) 402228.88
3781068.78 14.58767 (12120216)
402248.88 3781068.78 14.85484 (12120216) 402268.88
3781068.78 14.89513 (12120216)
402288.88 3781068.78 14.70998 (12120216) 402308.88
3781068.78 14.30981 (12120216)
402328.88 3781068.78 13.73372 (12120216) 402348.88
3781068.78 13.02470 (12120216)
402368.88 3781068.78 12.22064 (12120216) 402388.88
3781068.78 11.32523 (12120216)
402408.88 3781068.78 10.37578 (12120216) 402428.88
3781068.78 10.34431 (14102506)
402448.88 3781068.78 10.41598 (14102506) 402468.88
3781068.78 10.47708 (14102506)
402488.88 3781068.78 10.59775 (15080504) 402508.88
3781068.78 10.75681 (14091502)
401308.88 3781088.78 6.31370 (14020617) 401328.88
3781088.78 6.41312 (14020617)
401348.88 3781088.78 6.53147 (14020617) 401368.88
3781088.78 6.64402 (14020617)

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        401388.88   3781088.78        6.79054  (14020617)               401408.88
3781088.78        6.94006  (12021216)
        401428.88   3781088.78        7.76590  (12111715)               401448.88
3781088.78        8.83407  (12111715)
        401468.88   3781088.78        9.91555  (12111715)               401488.88
3781088.78       11.00834  (12111715)
        401508.88   3781088.78       12.00881  (12111715)               401528.88
3781088.78       12.93256  (12111715)
        401548.88   3781088.78       13.70045  (12111715)               401568.88
3781088.78       14.33077  (12111715)
        401588.88   3781088.78       14.75521  (12111715)               401608.88
3781088.78       15.00105  (12111715)
        401628.88   3781088.78       15.00353  (12111715)               401648.88
3781088.78       14.79002  (12111715)
        401668.88   3781088.78       15.35447  (12021515)               401688.88
3781088.78       15.69495  (12021515)
        401708.88   3781088.78       15.69758  (12021515)               401728.88
3781088.78       15.50895  (12021515)
        401748.88   3781088.78       15.09703  (12021515)               401768.88
3781088.78       14.46102  (12021515)
        401788.88   3781088.78       13.66502  (12021515)               401808.88
3781088.78       12.74757  (12021515)
        401828.88   3781088.78       11.73245  (12021515)               401848.88
3781088.78       10.65343  (12021515)
        401868.88   3781088.78        9.68815  (13071806)               401888.88
3781088.78        9.77455  (13071806)
        401908.88   3781088.78        9.86894  (15120908)               401928.88
3781088.78       10.42223  (12101116)
        401948.88   3781088.78       11.04276  (12101116)               401968.88
3781088.78       11.48024  (12101116)
        401988.88   3781088.78       11.75081  (12101116)               402008.88
3781088.78       11.81589  (12101116)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        05:36:20

                                  PAGE 382
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402028.88	3781088.78	11.65573	(12101116)	402048.88	3781088.78	12.21544	(12042618)
402068.88	3781088.78	13.25583	(12042618)	402088.88	3781088.78	14.06295	(12042618)
402108.88	3781088.78	14.71495	(12042618)	402128.88	3781088.78	15.15679	(12042618)
402148.88	3781088.78	15.37647	(12042618)	402168.88	3781088.78	15.35242	(12042618)
402188.88	3781088.78	15.16180	(12042618)	402208.88	3781088.78	14.96999	(12120216)
402228.88	3781088.78	15.38600	(12120216)	402248.88	3781088.78	15.55344	(12120216)
402268.88	3781088.78	15.48293	(12120216)	402288.88	3781088.78	15.18161	(12120216)
402308.88	3781088.78	14.64485	(12120216)	402328.88	3781088.78	13.95437	(12120216)
402348.88	3781088.78	13.12953	(12120216)	402368.88	3781088.78	12.20644	(12120216)
402388.88	3781088.78	11.24758	(12120216)	402408.88	3781088.78	10.52928	(14102506)
402428.88	3781088.78	10.60710	(14102506)	402448.88	3781088.78	10.65853	(14102506)
402468.88	3781088.78	10.71447	(14102506)	402488.88	3781088.78	10.76658	(15080504)
402508.88	3781088.78	10.93426	(14091502)	401308.88	3781108.78	6.44454	(14020617)
401328.88	3781108.78	6.56621	(14020617)	401348.88	3781108.78	6.68000	(14020617)
401368.88	3781108.78	6.79934	(14020617)	401388.88	3781108.78	6.95799	(14020617)
401408.88	3781108.78	7.08319	(14020617)	401428.88	3781108.78	7.44202	(12111715)
401448.88	3781108.78	8.54923	(12111715)	401468.88	3781108.78	9.70392	(12111715)
401488.88	3781108.78	10.88209	(12111715)	401508.88	3781108.78	11.97154	(12111715)
401528.88	3781108.78	13.01081	(12111715)	401548.88	3781108.78	13.89248	(12111715)
401568.88	3781108.78	14.66427	(12111715)	401588.88			

3781108.78   15.22550 (12111715)
        401608.88   3781108.78   15.57963 (12111715)   401628.88
3781108.78   15.70846 (12111715)
        401648.88   3781108.78   15.60489 (12111715)   401668.88
3781108.78   15.86960 (12021515)
        401688.88   3781108.78   16.31265 (12021515)   401708.88
3781108.78   16.38448 (12021515)
        401728.88   3781108.78   16.28933 (12021515)   401748.88
3781108.78   15.92388 (12021515)
        401768.88   3781108.78   15.32849 (12021515)   401788.88
3781108.78   14.55227 (12021515)
        401808.88   3781108.78   13.63189 (12021515)   401828.88
3781108.78   12.57668 (12021515)
        401848.88   3781108.78   11.45186 (12021515)   401868.88
3781108.78   10.27680 (12021515)
        401888.88   3781108.78   10.19766 (15120908)   401908.88
3781108.78   10.29185 (15120908)
        401928.88   3781108.78   10.95246 (12101116)   401948.88
3781108.78   11.58938 (12101116)
        401968.88   3781108.78   12.01513 (12101116)   401988.88
3781108.78   12.22318 (12101116)
        402008.88   3781108.78   12.29957 (12101116)   402028.88
3781108.78   12.11828 (12101116)
        402048.88   3781108.78   13.11692 (12042618)   402068.88
3781108.78   14.13488 (12042618)
        402088.88   3781108.78   14.93924 (12042618)   402108.88
3781108.78   15.55586 (12042618)
        402128.88   3781108.78   15.96146 (12042618)   402148.88
3781108.78   16.14922 (12042618)
        402168.88   3781108.78   15.98853 (12042618)   402188.88
3781108.78   15.73072 (12042618)
        402208.88   3781108.78   15.88029 (12120216)   402228.88
3781108.78   16.19615 (12120216)
        402248.88   3781108.78   16.24574 (12120216)   402268.88
3781108.78   16.03134 (12120216)
        402288.88   3781108.78   15.59429 (12120216)   402308.88
3781108.78   14.92715 (12120216)
        402328.88   3781108.78   14.12778 (12120216)   402348.88
3781108.78   13.19281 (12120216)
        402368.88   3781108.78   12.19736 (12120216)   402388.88
3781108.78   11.14356 (12120216)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402408.88   3781108.78   10.81544 (14102506)   402428.88
3781108.78   10.87235 (14102506)
        402448.88   3781108.78   10.94714 (14102506)   402468.88
3781108.78   10.97020 (14102506)
        402488.88   3781108.78   11.01053 (14102506)   402508.88
3781108.78   11.12198 (14091502)
        401308.88   3781128.78   6.57481 (14020617)   401328.88
3781128.78   6.70551 (14020617)
        401348.88   3781128.78   6.83306 (14020617)   401368.88
3781128.78   6.95830 (14020617)
        401388.88   3781128.78   7.12535 (14020617)   401408.88
3781128.78   7.27875 (14020617)
        401428.88   3781128.78   7.43051 (14020617)   401448.88
3781128.78   8.23134 (12111715)
        401468.88   3781128.78   9.43774 (12111715)   401488.88
3781128.78   10.68851 (12111715)
        401508.88   3781128.78   11.89583 (12111715)   401528.88
3781128.78   13.05026 (12111715)
        401548.88   3781128.78   14.03400 (12111715)   401568.88
3781128.78   14.95046 (12111715)
        401588.88   3781128.78   15.63939 (12111715)   401608.88
3781128.78   16.14322 (12111715)
        401628.88   3781128.78   16.39478 (12111715)   401648.88
3781128.78   16.41201 (12111715)
        401668.88   3781128.78   16.29774 (12021515)   401688.88
3781128.78   16.85177 (12021515)
        401708.88   3781128.78   17.10205 (12021515)   401728.88
3781128.78   17.09747 (12021515)
        401748.88   3781128.78   16.80842 (12021515)   401768.88
3781128.78   16.25738 (12021515)

401788.88 3781128.78 15.51815 (12021515) 401808.88
3781128.78 14.57035 (12021515)
401828.88 3781128.78 13.48823 (12021515) 401848.88
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401908.88 3781128.78 10.75931 (15120908) 401928.88
3781128.78 11.51217 (12101116)
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3781128.78 12.57518 (12101116)
401988.88 3781128.78 12.81912 (12101116) 402008.88
3781128.78 12.80963 (12101116)
402028.88 3781128.78 12.85680 (12042618) 402048.88
3781128.78 14.04627 (12042618)
402068.88 3781128.78 15.09495 (12042618) 402088.88
3781128.78 15.87400 (12042618)
402108.88 3781128.78 16.43206 (12042618) 402128.88
3781128.78 16.76192 (12042618)
402148.88 3781128.78 16.80862 (12042618) 402168.88
3781128.78 16.66032 (12042618)
402188.88 3781128.78 16.36216 (12120216) 402208.88
3781128.78 16.80753 (12120216)
402228.88 3781128.78 16.99744 (12120216) 402248.88
3781128.78 16.90637 (12120216)
402268.88 3781128.78 16.55678 (12120216) 402288.88
3781128.78 15.96142 (12120216)
402308.88 3781128.78 15.16817 (12120216) 402328.88
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3781128.78 12.08998 (12120216)
402388.88 3781128.78 11.03955 (14102506) 402408.88
3781128.78 11.11308 (14102506)
402428.88 3781128.78 11.15850 (14102506) 402448.88
3781128.78 11.22453 (14102506)
402468.88 3781128.78 11.24737 (14102506) 402488.88
3781128.78 11.27480 (14102506)
402508.88 3781128.78 11.38355 (12022708) 401308.88
3781148.78 6.71081 (14020617)
401328.88 3781148.78 6.86035 (14020617) 401348.88
3781148.78 7.00947 (14020617)
401368.88 3781148.78 7.12407 (14020617) 401388.88
3781148.78 7.27313 (14020617)
401408.88 3781148.78 7.45597 (14020617) 401428.88
3781148.78 7.61479 (14020617)
401448.88 3781148.78 7.87443 (12111715) 401468.88
3781148.78 9.12145 (12111715)
401488.88 3781148.78 10.45163 (12111715) 401508.88
3781148.78 11.73603 (12111715)
401528.88 3781148.78 12.98443 (12111715) 401548.88
3781148.78 14.11519 (12111715)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401568.88	3781148.78	15.17477	(12111715)	401588.88	3781148.78	16.03960	(12111715)
401608.88	3781148.78	16.68432	(12111715)	401628.88	3781148.78	17.08489	(12111715)
401648.88	3781148.78	17.20038	(12111715)	401668.88	3781148.78	17.03252	(12111715)
401688.88	3781148.78	17.41657	(12021515)	401708.88	3781148.78	17.81558	(12021515)
401728.88	3781148.78	17.90907	(12021515)	401748.88	3781148.78	17.70846	(12021515)
401768.88	3781148.78	17.22745	(12021515)	401788.88	3781148.78	16.50944	(12021515)
401808.88	3781148.78	15.56894	(12021515)	401828.88	3781148.78	14.46888	(12021515)
401848.88	3781148.78	13.25735	(12021515)	401868.88	3781148.78	11.96614	(12021515)
401888.88	3781148.78	11.15504	(15042107)	401908.88	3781148.78	11.24305	(12101116)
401928.88	3781148.78	12.09549	(12101116)	401948.88	3781148.78	12.74982	(12101116)
401968.88	3781148.78	13.17242	(12101116)	401988.88			

```
3781148.78       13.40532  (12101116)
        402008.88   3781148.78       13.38010  (12101116)                402028.88
3781148.78       13.85938  (12042618)
        402048.88   3781148.78       15.05008  (12042618)                402068.88
3781148.78       16.07245  (12042618)
        402088.88   3781148.78       16.84035  (12042618)                402108.88
3781148.78       17.36252  (12042618)
        402128.88   3781148.78       17.61777  (12042618)                402148.88
3781148.78       17.59220  (12042618)
        402168.88   3781148.78       17.31865  (12042618)                402188.88
3781148.78       17.38394  (12120216)
        402208.88   3781148.78       17.70769  (12120216)                402228.88
3781148.78       17.74082  (12120216)
        402248.88   3781148.78       17.49850  (12120216)                402268.88
3781148.78       16.99564  (12120216)
        402288.88   3781148.78       16.25966  (12120216)                402308.88
3781148.78       15.33944  (12120216)
        402328.88   3781148.78       14.28354  (12120216)                402348.88
3781148.78       13.12757  (12120216)
        402368.88   3781148.78       11.92901  (12120216)                402388.88
3781148.78       11.35158  (14102506)
        402408.88   3781148.78       11.40398  (14102506)                402428.88
3781148.78       11.45337  (14102506)
        402448.88   3781148.78       11.49444  (14102506)                402468.88
3781148.78       11.52387  (14102506)
        402488.88   3781148.78       11.54184  (14102506)                402508.88
3781148.78       11.66688  (12022708)
        401308.88   3781168.78        6.84317  (14020617)                401328.88
3781168.78        6.99913  (14020617)
        401348.88   3781168.78        7.15969  (14020617)                401368.88
3781168.78        7.29225  (14020617)
        401388.88   3781168.78        7.47025  (14020617)                401408.88
3781168.78        7.64659  (14020617)
        401428.88   3781168.78        7.81681  (14020617)                401448.88
3781168.78        7.96887  (14020617)
        401468.88   3781168.78        8.76378  (12111715)                401488.88
3781168.78       10.13549  (12111715)
        401508.88   3781168.78       11.50779  (12111715)                401528.88
3781168.78       12.88887  (12111715)
        401548.88   3781168.78       14.13175  (12111715)                401568.88
3781168.78       15.36687  (12111715)
        401588.88   3781168.78       16.40850  (12111715)                401608.88
3781168.78       17.22949  (12111715)
        401628.88   3781168.78       17.76400  (12111715)                401648.88
3781168.78       18.06228  (12111715)
        401668.88   3781168.78       17.99207  (12111715)                401688.88
3781168.78       18.02351  (12021515)
        401708.88   3781168.78       18.56543  (12021515)                401728.88
3781168.78       18.76214  (12021515)
        401748.88   3781168.78       18.67814  (12021515)                401768.88
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3781168.78   18.26731 (12021515)
        401788.88   3781168.78   17.58567 (12021515)   401808.88
3781168.78   16.66834 (12021515)
        401828.88   3781168.78   15.54416 (12021515)   401848.88
3781168.78   14.31971 (12021515)
        401868.88   3781168.78   12.91405 (12021515)   401888.88
3781168.78   11.86266 (15042107)
        401908.88   3781168.78   11.89923 (12101116)   401928.88
3781168.78   12.76166 (12101116)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        401948.88   3781168.78   13.44320 (12101116)   401968.88
3781168.78   13.88087 (12101116)
        401988.88   3781168.78   14.06930 (12101116)   402008.88
3781168.78   13.99187 (12101116)
        402028.88   3781168.78   14.95115 (12042618)   402048.88
3781168.78   16.17431 (12042618)
        402068.88   3781168.78   17.18491 (12042618)   402088.88
3781168.78   17.90822 (12042618)
        402108.88   3781168.78   18.39892 (12042618)   402128.88
3781168.78   18.51691 (12042618)
        402148.88   3781168.78   18.38856 (12042618)   402168.88
3781168.78   18.00013 (12042618)

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        402188.88   3781168.78       18.44968  (12120216)               402208.88
3781168.78       18.62814  (12120216)
        402228.88   3781168.78       18.55799  (12120216)               402248.88
3781168.78       18.15347  (12120216)
        402268.88   3781168.78       17.49214  (12120216)               402288.88
3781168.78       16.60117  (12120216)
        402308.88   3781168.78       15.47680  (12120216)               402328.88
3781168.78       14.32877  (12120216)
        402348.88   3781168.78       13.07267  (12120216)               402368.88
3781168.78       11.78516  (12120216)
        402388.88   3781168.78       11.72267  (14102506)               402408.88
3781168.78       11.76389  (14102506)
        402428.88   3781168.78       11.80256  (14102506)               402448.88
3781168.78       11.82292  (14102506)
        402468.88   3781168.78       11.85558  (14102506)               402488.88
3781168.78       11.82164  (14102506)
        402508.88   3781168.78       11.96722  (12022708)               401308.88
3781188.78        6.98340  (14020617)
        401328.88   3781188.78        7.14757  (14020617)               401348.88
3781188.78        7.31609  (14020617)
        401368.88   3781188.78        7.46483  (14020617)               401388.88
3781188.78        7.65089  (14020617)
        401408.88   3781188.78        7.83846  (14020617)               401428.88
3781188.78        8.02637  (14020617)
        401448.88   3781188.78        8.19726  (14020617)               401468.88
3781188.78        8.41918  (12021216)
        401488.88   3781188.78        9.77389  (12111715)               401508.88
3781188.78       11.22294  (12111715)
        401528.88   3781188.78       12.71413  (12111715)               401548.88
3781188.78       14.07939  (12111715)
        401568.88   3781188.78       15.46893  (12111715)               401588.88
3781188.78       16.67909  (12111715)
        401608.88   3781188.78       17.67443  (12111715)               401628.88
3781188.78       18.42720  (12111715)
        401648.88   3781188.78       18.85613  (12111715)               401668.88
3781188.78       18.92808  (12111715)
        401688.88   3781188.78       18.73153  (12111715)               401708.88
3781188.78       19.30441  (12021515)
        401728.88   3781188.78       19.65065  (12021515)               401748.88
3781188.78       19.67245  (12021515)
        401768.88   3781188.78       19.33804  (12021515)               401788.88
3781188.78       18.70958  (12021515)
        401808.88   3781188.78       17.78947  (12021515)               401828.88
3781188.78       16.66740  (12021515)
        401848.88   3781188.78       15.40760  (12021515)               401868.88
3781188.78       13.96215  (12021515)
        401888.88   3781188.78       12.60581  (15042107)               401908.88
3781188.78       12.58661  (12101116)
        401928.88   3781188.78       13.45994  (12101116)               401948.88
3781188.78       14.14880  (12101116)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402328.88	3781188.78	14.31252	(12120216)	402348.88	3781188.78	12.94979	(12120216)
402368.88	3781188.78	12.06410	(14102506)	402388.88			

3781188.78 12.09581 (14102506)
402408.88 3781188.78 12.12013 (14102506) 402428.88
3781188.78 12.13518 (14102506)
402448.88 3781188.78 12.15290 (14102506) 402468.88
3781188.78 12.17102 (14102506)
402488.88 3781188.78 12.12897 (14102506) 402508.88
3781188.78 12.29114 (12022708)
401308.88 3781208.78 7.13139 (14020617) 401328.88
3781208.78 7.30265 (14020617)
401348.88 3781208.78 7.48359 (14020617) 401368.88
3781208.78 7.64349 (14020617)
401388.88 3781208.78 7.83798 (14020617) 401408.88
3781208.78 8.03495 (14020617)
401428.88 3781208.78 8.23547 (14020617) 401448.88
3781208.78 8.42936 (14020617)
401468.88 3781208.78 8.63448 (14020617) 401488.88
3781208.78 9.36148 (12111715)
401508.88 3781208.78 10.87947 (12111715) 401528.88
3781208.78 12.45778 (12111715)
401548.88 3781208.78 13.95703 (12111715) 401568.88
3781208.78 15.48525 (12111715)
401588.88 3781208.78 16.87802 (12111715) 401608.88
3781208.78 18.10191 (12111715)
401628.88 3781208.78 19.02821 (12111715) 401648.88
3781208.78 19.61883 (12111715)
401668.88 3781208.78 19.87983 (12111715) 401688.88
3781208.78 19.81701 (12111715)
401708.88 3781208.78 20.05849 (12021515) 401728.88
3781208.78 20.57484 (12021515)
401748.88 3781208.78 20.73373 (12021515) 401768.88
3781208.78 20.47854 (12021515)
401788.88 3781208.78 19.90953 (12021515) 401808.88
3781208.78 19.05340 (12021515)
401828.88 3781208.78 17.89879 (12021515) 401848.88
3781208.78 16.58712 (12021515)
401868.88 3781208.78 15.09995 (12021515) 401888.88
3781208.78 13.58911 (12021515)
401908.88 3781208.78 13.30979 (12101116) 401928.88
3781208.78 14.23828 (12101116)
401948.88 3781208.78 14.93078 (12101116) 401968.88
3781208.78 15.36242 (12101116)
401988.88 3781208.78 15.44055 (12101116) 402008.88
3781208.78 15.85501 (12042618)
402028.88 3781208.78 17.39073 (12042618) 402048.88
3781208.78 18.67271 (12042618)
402068.88 3781208.78 19.63152 (12042618) 402088.88
3781208.78 20.19860 (12042618)
402108.88 3781208.78 20.48088 (12042618) 402128.88
3781208.78 20.40112 (12042618)
402148.88 3781208.78 19.98263 (12042618) 402168.88

3781208.78   20.40605 (12120216)
        402188.88   3781208.78   20.61194 (12120216)   402208.88
3781208.78   20.47403 (12120216)
        402228.88   3781208.78   20.02153 (12120216)   402248.88
3781208.78   19.25160 (12120216)
        402268.88   3781208.78   18.23070 (12120216)   402288.88
3781208.78   16.99277 (12120216)
        402308.88   3781208.78   15.59175 (12120216)   402328.88
3781208.78   14.19496 (12120216)
        402348.88   3781208.78   12.77087 (12120216)   402368.88
3781208.78   12.49194 (14102506)
        402388.88   3781208.78   12.50574 (14102506)   402408.88
3781208.78   12.51669 (14102506)
        402428.88   3781208.78   12.51284 (14102506)   402448.88
3781208.78   12.50654 (14102506)
        402468.88   3781208.78   12.49780 (14102506)   402488.88
3781208.78   12.46159 (12022708)
        402508.88   3781208.78   12.63791 (12022708)   401308.88
3781228.78   7.27852 (14020617)
        401328.88   3781228.78   7.46004 (14020617)   401348.88
3781228.78   7.65166 (14020617)
        401368.88   3781228.78   7.83090 (14020617)   401388.88
3781228.78   8.03789 (14020617)
        401408.88   3781228.78   8.25051 (14020617)   401428.88
3781228.78   8.46575 (14020617)
        401448.88   3781228.78   8.67031 (14020617)   401468.88
3781228.78   8.88391 (14020617)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10   IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401488.88	3781228.78	9.11972	(14020617)	401508.88	3781228.78	10.47505	(12111715)
401528.88	3781228.78	12.13892	(12111715)	401548.88	3781228.78	13.75372	(12111715)
401568.88	3781228.78	15.40723	(12111715)	401588.88	3781228.78	17.00007	(12111715)
401608.88	3781228.78	18.41807	(12111715)	401628.88	3781228.78	19.56855	(12111715)
401648.88	3781228.78	20.38168	(12111715)	401668.88	3781228.78	20.83852	(12111715)
401688.88	3781228.78	20.93246	(12111715)	401708.88	3781228.78	20.83976	(12021515)
401728.88	3781228.78	21.54487	(12021515)	401748.88	3781228.78	21.80659	(12021515)
401768.88	3781228.78	21.67694	(12021515)	401788.88	3781228.78	21.20132	(12021515)
401808.88	3781228.78	20.32970	(12021515)	401828.88	3781228.78	19.22896	(12021515)
401848.88	3781228.78	17.88527	(12021515)	401868.88	3781228.78	16.33813	(12021515)
401888.88	3781228.78	14.74430	(12021515)	401908.88	3781228.78	14.08271	(12101116)
401928.88	3781228.78	15.08779	(12101116)	401948.88	3781228.78	15.78064	(12101116)
401968.88	3781228.78	16.15611	(12101116)	401988.88	3781228.78	16.18815	(12101116)
402008.88	3781228.78	17.20396	(12042618)	402028.88	3781228.78	18.72747	(12042618)
402048.88	3781228.78	20.01398	(12042618)	402068.88	3781228.78	20.94413	(12042618)
402088.88	3781228.78	21.46487	(12042618)	402108.88	3781228.78	21.67209	(12042618)
402128.88	3781228.78	21.39465	(12042618)	402148.88	3781228.78	21.23845	(12120216)
402168.88	3781228.78	21.67978	(12120216)	402188.88	3781228.78	21.71317	(12120216)
402208.88	3781228.78	21.37190	(12120216)	402228.88	3781228.78	20.69655	(12120216)
402248.88	3781228.78	19.72280	(12120216)	402268.88	3781228.78	18.50709	(12120216)
402288.88	3781228.78	17.07976	(12120216)	402308.88	3781228.78	15.55868	(12120216)
402328.88	3781228.78	14.03959	(12120216)	402348.88	3781228.78	12.92229	(14102506)

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        402368.88   3781228.78       12.93465  (14102506)                402388.88
3781228.78       12.93652  (14120116)
        402408.88   3781228.78       12.92587  (14102506)                402428.88
3781228.78       12.93025  (14102506)
        402448.88   3781228.78       12.90356  (14102506)                402468.88
3781228.78       12.88098  (14102506)
        402488.88   3781228.78       12.84616  (12022708)                402508.88
3781228.78       13.01000  (12022708)
        401308.88   3781248.78        7.42597  (14020617)                401328.88
3781248.78        7.61984  (14020617)
        401348.88   3781248.78        7.81939  (14020617)                401368.88
3781248.78        8.02447  (14020617)
        401388.88   3781248.78        8.24309  (14020617)                401408.88
3781248.78        8.46595  (14020617)
        401428.88   3781248.78        8.68748  (14020617)                401448.88
3781248.78        8.91871  (14020617)
        401468.88   3781248.78        9.15295  (14020617)                401488.88
3781248.78        9.39568  (14020617)
        401508.88   3781248.78       10.00215  (12111715)                401528.88
3781248.78       11.72957  (12111715)
        401548.88   3781248.78       13.47273  (12111715)                401568.88
3781248.78       15.32748  (12111715)
        401588.88   3781248.78       17.07644  (12111715)                401608.88
3781248.78       18.68465  (12111715)
        401628.88   3781248.78       20.04911  (12111715)                401648.88
3781248.78       21.09203  (12111715)
        401668.88   3781248.78       21.77451  (12111715)                401688.88
3781248.78       22.09172  (12111715)
        401708.88   3781248.78       22.03566  (12111715)                401728.88
3781248.78       22.49087  (12021515)
        401748.88   3781248.78       22.97270  (12021515)                401768.88
3781248.78       22.94600  (12021515)
        401788.88   3781248.78       22.55909  (12021515)                401808.88
3781248.78       21.78490  (12021515)
        401828.88   3781248.78       20.64849  (12021515)                401848.88
3781248.78       19.29520  (12021515)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 388
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
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                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)             X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        401868.88   3781248.78       17.69628  (12021515)               401888.88
3781248.78       16.06131  (12021515)
        401908.88   3781248.78       14.98093  (12101116)               401928.88
3781248.78       16.00263  (12101116)
        401948.88   3781248.78       16.65327  (12101116)               401968.88
3781248.78       16.99885  (12101116)
        401988.88   3781248.78       17.07427  (12101116)               402008.88
3781248.78       18.69988  (12042618)
        402028.88   3781248.78       20.24395  (12042618)               402048.88
3781248.78       21.47475  (12042618)
        402068.88   3781248.78       22.32107  (12042618)               402088.88
3781248.78       22.75751  (12042618)
        402108.88   3781248.78       22.78115  (12042618)               402128.88
3781248.78       22.44694  (12042618)
        402148.88   3781248.78       22.70130  (12120216)               402168.88
3781248.78       22.94977  (12120216)
        402188.88   3781248.78       22.82158  (12120216)               402208.88
3781248.78       22.26747  (12120216)
        402228.88   3781248.78       21.36021  (12120216)               402248.88
3781248.78       20.14269  (12120216)
        402268.88   3781248.78       18.72315  (12120216)               402288.88
3781248.78       17.13592  (12120216)
        402308.88   3781248.78       15.47070  (12120216)               402328.88
3781248.78       13.84961  (12120216)
        402348.88   3781248.78       13.87172  (14120116)               402368.88
3781248.78       13.89530  (14120116)
        402388.88   3781248.78       13.81959  (14120116)               402408.88
3781248.78       13.63376  (14120116)
        402428.88   3781248.78       13.36885  (14120116)               402448.88
3781248.78       13.30769  (14102506)
        402468.88   3781248.78       13.27277  (14102506)               402488.88
3781248.78       13.26274  (12022708)
        402508.88   3781248.78       13.41738  (12022708)               401308.88
3781268.78        7.57149  (14020617)
        401328.88   3781268.78        7.77595  (14020617)               401348.88
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3781268.78        7.98284  (14020617)
        401368.88   3781268.78        8.19979  (14020617)                401388.88
3781268.78        8.42824  (14020617)
        401408.88   3781268.78        8.66597  (14020617)                401428.88
3781268.78        8.90911  (14020617)
        401448.88   3781268.78        9.15425  (14020617)                401468.88
3781268.78        9.40424  (14020617)
        401488.88   3781268.78        9.66217  (14020617)                401508.88
3781268.78        9.92746  (14020617)
        401528.88   3781268.78       11.22683  (12111715)                401548.88
3781268.78       13.10176  (12111715)
        401568.88   3781268.78       15.05597  (12111715)                401588.88
3781268.78       16.97378  (12111715)
        401608.88   3781268.78       18.78697  (12111715)                401628.88
3781268.78       20.39947  (12111715)
        401648.88   3781268.78       21.72001  (12111715)                401668.88
3781268.78       22.67961  (12111715)
        401688.88   3781268.78       23.24194  (12111715)                401708.88
3781268.78       23.37769  (12111715)
        401728.88   3781268.78       23.48263  (12021515)                401748.88
3781268.78       24.12764  (12021515)
        401768.88   3781268.78       24.30383  (12021515)                401788.88
3781268.78       24.01082  (12021515)
        401808.88   3781268.78       23.29312  (12021515)                401828.88
3781268.78       22.20650  (12021515)
        401848.88   3781268.78       20.82427  (12021515)                401868.88
3781268.78       19.18696  (12021515)
        401888.88   3781268.78       17.48106  (12021515)                401908.88
3781268.78       15.98990  (15042107)
        401928.88   3781268.78       16.96796  (12101116)                401948.88
3781268.78       17.60575  (12101116)
        401968.88   3781268.78       17.98547  (12101116)                401988.88
3781268.78       18.65773  (12042618)
        402008.88   3781268.78       20.32044  (12042618)                402028.88
3781268.78       21.90116  (12042618)
        402048.88   3781268.78       23.08128  (12042618)                402068.88
3781268.78       23.84616  (12042618)
        402088.88   3781268.78       24.12422  (12042618)                402108.88
3781268.78       24.04938  (12042618)
        402128.88   3781268.78       23.76373  (12120216)                402148.88
3781268.78       24.22790  (12120216)
        402168.88   3781268.78       24.24915  (12120216)                402188.88
3781268.78       23.88893  (12120216)
        402208.88   3781268.78       23.09529  (12120216)                402228.88
3781268.78       21.96879  (12120216)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402248.88	3781268.78	20.51161	(12120216)	402268.88	3781268.78	18.85865	(12120216)
402288.88	3781268.78	17.10605	(12120216)	402308.88	3781268.78	15.32268	(12120216)
402328.88	3781268.78	14.86838	(14120116)	402348.88	3781268.78	14.93172	(14120116)
402368.88	3781268.78	14.85887	(14120116)	402388.88	3781268.78	14.66129	(14120116)
402408.88	3781268.78	14.36464	(14120116)	402428.88	3781268.78	13.97666	(14120116)
402448.88	3781268.78	13.75467	(14102506)	402468.88	3781268.78	13.70310	(14102506)
402488.88	3781268.78	13.71658	(12022708)	402508.88	3781268.78	13.86015	(12022708)
401308.88	3781288.78	7.72487	(14020617)	401328.88	3781288.78	7.93710	(14020617)
401348.88	3781288.78	8.16045	(14020617)	401368.88	3781288.78	8.38357	(14020617)
401388.88	3781288.78	8.63377	(14020617)	401408.88	3781288.78	8.89872	(14020617)
401428.88	3781288.78	9.15913	(14020617)	401448.88	3781288.78	9.41704	(14020617)
401468.88	3781288.78	9.68448	(14020617)	401488.88	3781288.78	9.97622	(14020617)
401508.88	3781288.78	10.26858	(14020617)	401528.88	3781288.78	10.71144	(12111715)

401548.88 3781288.78 12.65029 (12111715) 401568.88
3781288.78 14.75149 (12111715)
401588.88 3781288.78 16.85198 (12111715) 401608.88
3781288.78 18.91079 (12111715)
401628.88 3781288.78 20.74585 (12111715) 401648.88
3781288.78 22.30977 (12111715)
401668.88 3781288.78 23.55819 (12111715) 401688.88
3781288.78 24.40517 (12111715)
401708.88 3781288.78 24.81332 (12111715) 401728.88
3781288.78 24.68168 (12111715)
401748.88 3781288.78 25.37392 (12021515) 401768.88
3781288.78 25.71725 (12021515)
401788.88 3781288.78 25.59077 (12021515) 401808.88
3781288.78 24.94779 (12021515)
401828.88 3781288.78 23.91709 (12021515) 401848.88
3781288.78 22.55721 (12021515)
401868.88 3781288.78 20.82677 (12021515) 401888.88
3781288.78 19.08281 (12021515)
401908.88 3781288.78 17.17175 (15042107) 401928.88
3781288.78 18.00484 (12101116)
401948.88 3781288.78 18.74209 (12101116) 401968.88
3781288.78 19.05715 (12101116)
401988.88 3781288.78 20.33121 (12042618) 402008.88
3781288.78 21.99960 (12042618)
402028.88 3781288.78 23.49412 (12042618) 402048.88
3781288.78 24.66346 (12042618)
402068.88 3781288.78 25.47510 (12042618) 402088.88
3781288.78 25.68966 (12042618)
402108.88 3781288.78 25.35369 (12042618) 402128.88
3781288.78 25.49725 (12120216)
402148.88 3781288.78 25.74730 (12120216) 402168.88
3781288.78 25.55341 (12120216)
402188.88 3781288.78 24.93576 (12120216) 402208.88
3781288.78 23.88256 (12120216)
402228.88 3781288.78 22.47898 (12120216) 402248.88
3781288.78 20.83061 (12120216)
402268.88 3781288.78 18.93992 (12120216) 402288.88
3781288.78 17.02491 (12120216)
402308.88 3781288.78 16.00329 (14120116) 402328.88
3781288.78 16.08311 (14120116)
402348.88 3781288.78 16.02827 (14120116) 402368.88
3781288.78 15.82251 (14120116)
402388.88 3781288.78 15.48546 (14120116) 402408.88
3781288.78 15.07237 (14120116)
402428.88 3781288.78 14.54384 (14120116) 402448.88
3781288.78 14.25459 (14102506)
402468.88 3781288.78 14.16771 (14102506) 402488.88
3781288.78 14.21150 (12022708)
402508.88 3781288.78 14.35004 (12022708) 401308.88
3781308.78 7.88860 (14020617)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401408.88	3781308.78	9.13624	(14020617)	401428.88	3781308.78	9.40214	(14020617)
401448.88	3781308.78	9.68489	(14020617)	401468.88	3781308.78	9.98509	(14020617)
401488.88	3781308.78	10.30581	(14020617)	401508.88	3781308.78	10.62916	(14020617)
401528.88	3781308.78	10.96469	(14020617)	401548.88	3781308.78	12.11818	(12111715)
401568.88	3781308.78	14.31330	(12111715)	401588.88	3781308.78	16.58947	(12111715)
401608.88	3781308.78	18.80223	(12111715)	401628.88	3781308.78	20.93015	(12111715)
401648.88	3781308.78	22.81648	(12111715)	401668.88	3781308.78	24.36739	(12111715)
401688.88	3781308.78	25.49526	(12111715)	401708.88	3781308.78	26.16380	(12111715)
401728.88	3781308.78	26.27705	(12111715)	401748.88			

3781308.78 26.61938 (12021515)
401768.88 3781308.78 27.22857 (12021515) 401788.88
3781308.78 27.23625 (12021515)
401808.88 3781308.78 26.71496 (12021515) 401828.88
3781308.78 25.72275 (12021515)
401848.88 3781308.78 24.31098 (12021515) 401868.88
3781308.78 22.62632 (12021515)
401888.88 3781308.78 20.78501 (12021515) 401908.88
3781308.78 18.75124 (12021515)
401928.88 3781308.78 19.12542 (12101116) 401948.88
3781308.78 19.93881 (12101116)
401968.88 3781308.78 20.11411 (12101116) 401988.88
3781308.78 22.22257 (12042618)
402008.88 3781308.78 23.97747 (12042618) 402028.88
3781308.78 25.36345 (12042618)
402048.88 3781308.78 26.39747 (12042618) 402068.88
3781308.78 27.11199 (12042618)
402088.88 3781308.78 27.21190 (12042618) 402108.88
3781308.78 26.76542 (12120216)
402128.88 3781308.78 27.31516 (12120216) 402148.88
3781308.78 27.38493 (12120216)
402168.88 3781308.78 26.91808 (12120216) 402188.88
3781308.78 25.98904 (12120216)
402208.88 3781308.78 24.61431 (12120216) 402228.88
3781308.78 22.93934 (12120216)
402248.88 3781308.78 21.01947 (12120216) 402268.88
3781308.78 18.98069 (12120216)
402288.88 3781308.78 17.30850 (14120116) 402308.88
3781308.78 17.39064 (14120116)
402328.88 3781308.78 17.32523 (14120116) 402348.88
3781308.78 17.12549 (14120116)
402368.88 3781308.78 16.76325 (14120116) 402388.88
3781308.78 16.29160 (14120116)
402408.88 3781308.78 15.71677 (14120116) 402428.88
3781308.78 15.08041 (14120116)
402448.88 3781308.78 14.81641 (14102506) 402468.88
3781308.78 14.70514 (14102506)
402488.88 3781308.78 14.75797 (12022708) 402508.88
3781308.78 14.89769 (12022708)
401308.88 3781328.78 8.04328 (14020617) 401328.88
3781328.78 8.28580 (14020617)
401348.88 3781328.78 8.54242 (14020617) 401368.88
3781328.78 8.78395 (14020617)
401388.88 3781328.78 9.06908 (14020617) 401408.88
3781328.78 9.37157 (14020617)
401428.88 3781328.78 9.66139 (14020617) 401448.88
3781328.78 9.97654 (14020617)
401468.88 3781328.78 10.29903 (14020617) 401488.88
3781328.78 10.63797 (14020617)
401508.88 3781328.78 11.00669 (14020617) 401528.88

3781328.78   11.35987 (14020617)
        401548.88   3781328.78   11.70164 (14020617)   401568.88
3781328.78   13.79912 (12111715)
        401588.88   3781328.78   16.22788 (12111715)   401608.88
3781328.78   18.68341 (12111715)
        401628.88   3781328.78   21.07635 (12111715)   401648.88
3781328.78   23.32546 (12111715)
        401668.88   3781328.78   25.15859 (12111715)   401688.88
3781328.78   26.69280 (12111715)
        401708.88   3781328.78   27.64714 (12111715)   401728.88
3781328.78   28.02165 (12111715)
        401748.88   3781328.78   27.94881 (12021515)   401768.88
3781328.78   28.82490 (12021515)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
- -
        401788.88   3781328.78   29.01508 (12021515)   401808.88
3781328.78   28.61626 (12021515)
        401828.88   3781328.78   27.78777 (12021515)   401848.88
3781328.78   26.30041 (12021515)
        401868.88   3781328.78   24.60674 (12021515)   401888.88
3781328.78   22.72026 (12021515)
        401908.88   3781328.78   20.54245 (12021515)   401928.88
3781328.78   20.56557 (12101116)

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        401948.88   3781328.78       21.40674  (12101116)                401968.88
3781328.78       22.37926  (12042618)
        401988.88   3781328.78       24.45353  (12042618)                402008.88
3781328.78       26.23262  (12042618)
        402028.88   3781328.78       27.50211  (12042618)                402048.88
3781328.78       28.30386  (12042618)
        402068.88   3781328.78       28.86745  (12042618)                402088.88
3781328.78       28.82574  (12042618)
        402108.88   3781328.78       28.81534  (12120216)                402128.88
3781328.78       29.23963  (12120216)
        402148.88   3781328.78       28.88701  (12120216)                402168.88
3781328.78       28.17463  (12120216)
        402188.88   3781328.78       26.94431  (12120216)                402208.88
3781328.78       25.29009  (12120216)
        402228.88   3781328.78       23.33599  (12120216)                402248.88
3781328.78       21.16652  (12120216)
        402268.88   3781328.78       18.92654  (12120216)                402288.88
3781328.78       18.87449  (14120116)
        402308.88   3781328.78       18.79536  (14120116)                402328.88
3781328.78       18.57503  (14120116)
        402348.88   3781328.78       18.21500  (14120116)                402368.88
3781328.78       17.66596  (14120116)
        402388.88   3781328.78       17.00414  (14120116)                402408.88
3781328.78       16.31301  (14120116)
        402428.88   3781328.78       15.57680  (14120116)                402448.88
3781328.78       15.40922  (14102506)
        402468.88   3781328.78       15.31659  (12022708)                402488.88
3781328.78       15.36402  (12022708)
        402508.88   3781328.78       15.50854  (12022708)                401308.88
3781348.78        8.19490  (14020617)
        401328.88   3781348.78        8.45162  (14020617)                401348.88
3781348.78        8.72220  (14020617)
        401368.88   3781348.78        8.98758  (14020617)                401388.88
3781348.78        9.28795  (14020617)
        401408.88   3781348.78        9.61222  (14020617)                401428.88
3781348.78        9.93431  (14020617)
        401448.88   3781348.78       10.25865  (14020617)                401468.88
3781348.78       10.61758  (14020617)
        401488.88   3781348.78       11.00410  (14020617)                401508.88
3781348.78       11.39482  (14020617)
        401528.88   3781348.78       11.80830  (14020617)                401548.88
3781348.78       12.14833  (14020617)
        401568.88   3781348.78       13.18560  (12111715)                401588.88
3781348.78       15.69641  (12111715)
        401608.88   3781348.78       18.38227  (12111715)                401628.88
3781348.78       21.02683  (12111715)
        401648.88   3781348.78       23.55914  (12111715)                401668.88
3781348.78       25.83968  (12111715)
        401688.88   3781348.78       27.67970  (12111715)                401708.88
3781348.78       29.04368  (12111715)
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401728.88 3781348.78 29.76483 (12111715) 401748.88
3781348.78 29.88044 (12111715)
401768.88 3781348.78 30.48793 (12021515) 401788.88
3781348.78 30.86369 (12021515)
401808.88 3781348.78 30.64072 (12021515) 401828.88
3781348.78 29.85918 (12021515)
401848.88 3781348.78 28.54644 (12021515) 401868.88
3781348.78 26.79387 (12021515)
401888.88 3781348.78 24.87397 (12021515) 401908.88
3781348.78 22.62727 (12021515)
401928.88 3781348.78 22.02954 (12101116) 401948.88
3781348.78 22.75241 (12101116)
401968.88 3781348.78 24.66773 (12042618) 401988.88
3781348.78 26.82558 (12042618)
402008.88 3781348.78 28.55374 (12042618) 402028.88
3781348.78 29.82095 (12042618)
402048.88 3781348.78 30.48228 (12042618) 402068.88
3781348.78 30.76733 (12042618)
402088.88 3781348.78 30.51465 (12042618) 402108.88
3781348.78 31.13349 (12120216)
402128.88 3781348.78 31.15707 (12120216) 402148.88
3781348.78 30.60373 (12120216)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        402168.88   3781348.78       29.51671  (12120216)                402188.88
3781348.78       27.95805  (12120216)
        402208.88   3781348.78       25.91723  (12120216)                402228.88
3781348.78       23.71338  (12120216)
        402248.88   3781348.78       21.31028  (12120216)                402268.88
3781348.78       20.57016  (14120116)
        402288.88   3781348.78       20.50862  (14120116)                402308.88
3781348.78       20.21336  (14120116)
        402328.88   3781348.78       19.78335  (14120116)                402348.88
3781348.78       19.20722  (14120116)
        402368.88   3781348.78       18.49507  (14120116)                402388.88
3781348.78       17.67872  (14120116)
        402408.88   3781348.78       16.83586  (14120116)                402428.88
3781348.78       16.22151  (14102506)
        402448.88   3781348.78       16.07859  (14102506)                402468.88
3781348.78       16.02125  (12022708)
        402488.88   3781348.78       16.05119  (12022708)                402508.88
3781348.78       16.19432  (12022708)
        401308.88   3781368.78        8.35000  (14020617)                401328.88
3781368.78        8.61994  (14020617)
        401348.88   3781368.78        8.90732  (14020617)                401368.88
3781368.78        9.19251  (14020617)
        401388.88   3781368.78        9.50455  (14020617)                401408.88
3781368.78        9.84786  (14020617)
        401428.88   3781368.78       10.19622  (14020617)                401448.88
3781368.78       10.55510  (14020617)
        401468.88   3781368.78       10.93250  (14020617)                401488.88
3781368.78       11.35733  (14020617)
        401508.88   3781368.78       11.77504  (14020617)                401528.88
3781368.78       12.22647  (14020617)
        401548.88   3781368.78       12.62000  (14020617)                401568.88
3781368.78       13.13788  (14020617)
        401588.88   3781368.78       15.09151  (12111715)                401608.88
3781368.78       17.90889  (12111715)
        401628.88   3781368.78       20.82475  (12111715)                401648.88
3781368.78       23.69343  (12111715)
        401668.88   3781368.78       26.37390  (12111715)                401688.88
3781368.78       28.66095  (12111715)
        401708.88   3781368.78       30.46529  (12111715)                401728.88
3781368.78       31.58274  (12111715)
        401748.88   3781368.78       32.04173  (12111715)                401768.88
3781368.78       32.30844  (12021515)
        401788.88   3781368.78       32.98833  (12021515)                401808.88
3781368.78       32.93701  (12021515)
        401828.88   3781368.78       32.20452  (12021515)                401848.88
3781368.78       30.94578  (12021515)
        401868.88   3781368.78       29.21776  (12021515)                401888.88
3781368.78       27.22775  (12021515)
        401908.88   3781368.78       24.91119  (12021515)                401928.88
```

3781368.78   23.65958 (12101116)
        401948.88   3781368.78   24.61088 (12042618)   401968.88
3781368.78   27.33313 (12042618)
        401988.88   3781368.78   29.33477 (12042618)   402008.88
3781368.78   31.11385 (12042618)
        402028.88   3781368.78   32.19320 (12042618)   402048.88
3781368.78   32.64392 (12042618)
        402068.88   3781368.78   32.72997 (12042618)   402088.88
3781368.78   32.91074 (12120216)
        402108.88   3781368.78   33.41748 (12120216)   402128.88
3781368.78   33.18667 (12120216)
        402148.88   3781368.78   32.32420 (12120216)   402168.88
3781368.78   30.88392 (12120216)
        402188.88   3781368.78   28.77358 (12120216)   402208.88
3781368.78   26.44227 (12120216)
        402228.88   3781368.78   23.85405 (12120216)   402248.88
3781368.78   22.48565 (14120116)
        402268.88   3781368.78   22.42444 (14120116)   402288.88
3781368.78   22.12197 (14120116)
        402308.88   3781368.78   21.62127 (14120116)   402328.88
3781368.78   20.96124 (14120116)
        402348.88   3781368.78   20.20275 (14120116)   402368.88
3781368.78   19.26509 (14120116)
        402388.88   3781368.78   18.31446 (14120116)   402408.88
3781368.78   17.33739 (14120116)
        402428.88   3781368.78   17.00434 (14102506)   402448.88
3781368.78   16.87652 (14102506)
        402468.88   3781368.78   17.03170 (12031616)   402488.88
3781368.78   18.03716 (12031616)
        402508.88   3781368.78   19.03855 (12031616)   401308.88
3781388.78   8.50646 (14020617)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
                                       L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
                                       L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
                                       L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401328.88	3781388.78	8.79036	(14020617)	401348.88	3781388.78	9.09057	(14020617)
401368.88	3781388.78	9.39703	(14020617)	401388.88	3781388.78	9.72824	(14020617)
401408.88	3781388.78	10.09300	(14020617)	401428.88	3781388.78	10.46341	(14020617)
401448.88	3781388.78	10.85102	(14020617)	401468.88	3781388.78	11.26834	(14020617)
401488.88	3781388.78	11.72463	(14020617)	401508.88	3781388.78	12.18909	(14020617)
401528.88	3781388.78	12.66977	(14020617)	401548.88	3781388.78	13.11393	(14020617)
401568.88	3781388.78	13.68431	(14020617)	401588.88	3781388.78	14.33844	(12111715)
401608.88	3781388.78	17.30704	(12111715)	401628.88	3781388.78	20.45788	(12111715)
401648.88	3781388.78	23.64883	(12111715)	401668.88	3781388.78	26.82483	(12111715)
401688.88	3781388.78	29.58042	(12111715)	401708.88	3781388.78	31.82806	(12111715)
401728.88	3781388.78	33.48428	(12111715)	401748.88	3781388.78	34.25454	(12111715)
401768.88	3781388.78	34.40232	(12111715)	401788.88	3781388.78	35.28942	(12021515)
401808.88	3781388.78	35.42901	(12021515)	401828.88	3781388.78	34.85082	(12021515)
401848.88	3781388.78	33.66662	(12021515)	401868.88	3781388.78	31.88347	(12021515)
401888.88	3781388.78	30.00858	(12021515)	401908.88	3781388.78	27.58777	(12021515)
401928.88	3781388.78	25.45358	(12101116)	401948.88	3781388.78	27.52619	(12042618)
401968.88	3781388.78	30.18934	(12042618)	401988.88	3781388.78	32.33850	(12042618)
402008.88	3781388.78	33.84386	(12042618)	402028.88	3781388.78	34.86391	(12042618)
402048.88	3781388.78	35.20470	(12042618)	402068.88	3781388.78	35.12161	(12042618)
402088.88	3781388.78	35.65204	(12120216)	402108.88	3781388.78	35.85288	(12120216)

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        402128.88   3781388.78       35.33669  (12120216)               402148.88
3781388.78       34.09257  (12120216)
        402168.88   3781388.78       32.14157  (12120216)               402188.88
3781388.78       29.77039  (12120216)
        402208.88   3781388.78       26.95366  (12120216)               402228.88
3781388.78       24.73052  (14120116)
        402248.88   3781388.78       24.68075  (14120116)               402268.88
3781388.78       24.31111  (14120116)
        402288.88   3781388.78       23.77521  (14120116)               402308.88
3781388.78       22.99694  (14120116)
        402328.88   3781388.78       22.11621  (14120116)               402348.88
3781388.78       21.11250  (14120116)
        402368.88   3781388.78       19.99613  (14120116)               402388.88
3781388.78       18.90504  (14120116)
        402408.88   3781388.78       18.15302  (13032507)               402428.88
3781388.78       19.04444  (12031616)
        402448.88   3781388.78       20.15661  (12031616)               402468.88
3781388.78       20.93963  (12031616)
        402488.88   3781388.78       22.00338  (12031616)               402508.88
3781388.78       22.96461  (12031616)
        401308.88   3781408.78        8.66576  (14020617)               401328.88
3781408.78        8.96701  (14020617)
        401348.88   3781408.78        9.28245  (14020617)               401368.88
3781408.78        9.60028  (14020617)
        401388.88   3781408.78        9.95523  (14020617)               401408.88
3781408.78       10.34851  (14020617)
        401428.88   3781408.78       10.74316  (14020617)               401448.88
3781408.78       11.15862  (14020617)
        401468.88   3781408.78       11.60306  (14020617)               401488.88
3781408.78       12.09482  (14020617)
        401508.88   3781408.78       12.58649  (14020617)               401528.88
3781408.78       13.12623  (14020617)
        401548.88   3781408.78       13.62709  (14020617)               401568.88
3781408.78       14.25748  (14020617)
        401588.88   3781408.78       14.92985  (14020617)               401608.88
3781408.78       16.54447  (12111715)
        401628.88   3781408.78       19.89260  (12111715)               401648.88
3781408.78       23.44020  (12111715)
        401668.88   3781408.78       26.99648  (12111715)               401688.88
3781408.78       30.29735  (12111715)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        05:36:20

                                  PAGE 394
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
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                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        401708.88   3781408.78       33.13706  (12111715)                401728.88
3781408.78       35.33277  (12111715)
        401748.88   3781408.78       36.60315  (12111715)                401768.88
3781408.78       37.06288  (12111715)
        401788.88   3781408.78       37.69739  (12021515)                401808.88
3781408.78       38.12419  (12021515)
        401828.88   3781408.78       37.75415  (12021515)                401848.88
3781408.78       36.64089  (12021515)
        401868.88   3781408.78       34.91903  (12021515)                401888.88
3781408.78       32.93219  (12021515)
        401908.88   3781408.78       30.55352  (12021515)                401928.88
3781408.78       27.79763  (12021515)
        401948.88   3781408.78       30.76192  (12042618)                401968.88
3781408.78       33.57275  (12042618)
        401988.88   3781408.78       35.71476  (12042618)                402008.88
3781408.78       37.06233  (12042618)
        402028.88   3781408.78       37.86584  (12042618)                402048.88
3781408.78       37.97473  (12042618)
        402068.88   3781408.78       37.95338  (12120216)                402088.88
3781408.78       38.43359  (12120216)
        402108.88   3781408.78       38.36724  (12120216)                402128.88
3781408.78       37.50381  (12120216)
        402148.88   3781408.78       35.81058  (12120216)                402168.88
3781408.78       33.39632  (12120216)
        402188.88   3781408.78       30.59875  (12120216)                402208.88
3781408.78       27.42115  (12120216)
        402228.88   3781408.78       27.24345  (14120116)                402248.88
3781408.78       26.88838  (14120116)
        402268.88   3781408.78       26.30366  (14120116)                402288.88
3781408.78       25.41977  (14120116)
        402308.88   3781408.78       24.34131  (14120116)                402328.88
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3781408.78       23.18793  (14120116)
        402348.88   3781408.78       21.96612  (14120116)                402368.88
3781408.78       20.65999  (14120116)
        402388.88   3781408.78       21.13200  (12031616)                402408.88
3781408.78       22.38866  (12031616)
        402428.88   3781408.78       23.57271  (12031616)                402448.88
3781408.78       24.58998  (12031616)
        402468.88   3781408.78       25.34883  (12031616)                402488.88
3781408.78       26.32810  (12031616)
        402508.88   3781408.78       27.10564  (12031616)                401308.88
3781428.78        9.20254  (12022717)
        401328.88   3781428.78        9.19387  (12022717)                401348.88
3781428.78        9.46602  (14020617)
        401368.88   3781428.78        9.80169  (14020617)                401388.88
3781428.78       10.18766  (14020617)
        401408.88   3781428.78       10.60398  (14020617)                401428.88
3781428.78       11.03659  (14020617)
        401448.88   3781428.78       11.47380  (14020617)                401468.88
3781428.78       11.95286  (14020617)
        401488.88   3781428.78       12.47746  (14020617)                401508.88
3781428.78       13.00289  (14020617)
        401528.88   3781428.78       13.59536  (14020617)                401548.88
3781428.78       14.16145  (14020617)
        401568.88   3781428.78       14.85678  (14020617)                401588.88
3781428.78       15.60303  (14020617)
        401608.88   3781428.78       16.30904  (14020617)                401628.88
3781428.78       19.24889  (12111715)
        401648.88   3781428.78       23.11631  (12111715)                401668.88
3781428.78       27.11255  (12111715)
        401688.88   3781428.78       30.82477  (12111715)                401708.88
3781428.78       34.28386  (12111715)
        401728.88   3781428.78       37.04256  (12111715)                401748.88
3781428.78       39.07100  (12111715)
        401768.88   3781428.78       40.09011  (12111715)                401788.88
3781428.78       40.40648  (12021515)
        401808.88   3781428.78       41.17098  (12021515)                401828.88
3781428.78       41.01735  (12021515)
        401848.88   3781428.78       40.04049  (12021515)                401868.88
3781428.78       38.37364  (12021515)
        401888.88   3781428.78       36.42341  (12021515)                401908.88
3781428.78       34.01620  (12021515)
        401928.88   3781428.78       31.37284  (12021515)                401948.88
3781428.78       35.00236  (12042618)
        401968.88   3781428.78       37.62149  (12042618)                401988.88
3781428.78       39.60719  (12042618)
        402008.88   3781428.78       40.58383  (12042618)                402028.88
3781428.78       41.12349  (12042618)
        402048.88   3781428.78       40.98595  (12042618)                402068.88
3781428.78       41.27240  (12120216)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        402088.88   3781428.78   41.42857 (12120216)   402108.88
3781428.78   41.00199 (12120216)
        402128.88   3781428.78   39.64965 (12120216)   402148.88
3781428.78   37.59917 (12120216)
        402168.88   3781428.78   34.71644 (12120216)   402188.88
3781428.78   31.33445 (12120216)
        402208.88   3781428.78   30.23523 (14120116)   402228.88
3781428.78   29.85497 (14120116)
        402248.88   3781428.78   29.14375 (14120116)   402268.88
3781428.78   28.19653 (14120116)
        402288.88   3781428.78   26.99883 (14120116)   402308.88
3781428.78   25.65076 (14120116)
        402328.88   3781428.78   24.28101 (14120116)   402348.88
3781428.78   23.74890 (12031616)
        402368.88   3781428.78   25.07728 (12031616)   402388.88
3781428.78   26.43723 (12031616)
        402408.88   3781428.78   27.68520 (12031616)   402428.88
3781428.78   28.82217 (12031616)
        402448.88   3781428.78   29.72488 (12031616)   402468.88
3781428.78   30.20611 (12031616)
        402488.88   3781428.78   30.85026 (12031616)   402508.88
3781428.78   31.37524 (12031616)

401308.88 3781448.78 10.32999 (12022717) 401328.88
3781448.78 10.37710 (12022717)
401348.88 3781448.78 10.41605 (12022717) 401368.88
3781448.78 10.41240 (12022717)
401388.88 3781448.78 10.41503 (12022717) 401408.88
3781448.78 10.85168 (14020617)
401428.88 3781448.78 11.30724 (14020617) 401448.88
3781448.78 11.78755 (14020617)
401468.88 3781448.78 12.29737 (14020617) 401488.88
3781448.78 12.88354 (14020617)
401508.88 3781448.78 13.44178 (14020617) 401528.88
3781448.78 14.08626 (14020617)
401548.88 3781448.78 14.71581 (14020617) 401568.88
3781448.78 15.48300 (14020617)
401588.88 3781448.78 16.30837 (14020617) 401608.88
3781448.78 17.09377 (14020617)
401628.88 3781448.78 18.38516 (12111715) 401648.88
3781448.78 22.45759 (12111715)
401668.88 3781448.78 26.85850 (12111715) 401688.88
3781448.78 31.31232 (12111715)
401708.88 3781448.78 35.41187 (12111715) 401728.88
3781448.78 38.96907 (12111715)
401748.88 3781448.78 41.70205 (12111715) 401768.88
3781448.78 43.28645 (12111715)
401788.88 3781448.78 43.76839 (12111715) 401808.88
3781448.78 44.58642 (12021515)
401828.88 3781448.78 44.64438 (12021515) 401848.88
3781448.78 43.93038 (12021515)
401868.88 3781448.78 42.33796 (12021515) 401888.88
3781448.78 40.41622 (12021515)
401908.88 3781448.78 37.94127 (12021515) 401928.88
3781448.78 35.63803 (12042618)
401948.88 3781448.78 39.02392 (12042618) 401968.88
3781448.78 41.82548 (12042618)
401988.88 3781448.78 43.53293 (12042618) 402008.88
3781448.78 44.55291 (12042618)
402028.88 3781448.78 44.99621 (12042618) 402048.88
3781448.78 44.89634 (12120216)
402068.88 3781448.78 45.29071 (12120216) 402088.88
3781448.78 44.94520 (12120216)
402108.88 3781448.78 43.91621 (12120216) 402128.88
3781448.78 42.16649 (12120216)
402148.88 3781448.78 39.59009 (12120216) 402168.88
3781448.78 36.07797 (12120216)
402188.88 3781448.78 33.90090 (14120116) 402208.88
3781448.78 33.40695 (14120116)
402228.88 3781448.78 32.65331 (14120116) 402248.88
3781448.78 31.50089 (14120116)
402268.88 3781448.78 30.13861 (14120116) 402288.88
3781448.78 28.62167 (14120116)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402468.88	3781448.78	35.43081	(12031616)	402488.88	3781448.78	35.93628	(12031616)
402508.88	3781448.78	36.16122	(12031616)	401308.88	3781468.78	11.48008	(12022717)
401328.88	3781468.78	11.60324	(12022717)	401348.88	3781468.78	11.71671	(12022717)
401368.88	3781468.78	11.76228	(12022717)	401388.88	3781468.78	11.84354	(12022717)
401408.88	3781468.78	11.91830	(12022717)	401428.88	3781468.78	11.95015	(12022717)
401448.88	3781468.78	12.09190	(14020617)	401468.88	3781468.78	12.64547	(14020617)
401488.88	3781468.78	13.26607	(14020617)	401508.88			

3781468.78 13.88320 (14020617)
401528.88 3781468.78 14.59351 (14020617) 401548.88
3781468.78 15.28809 (14020617)
401568.88 3781468.78 16.13711 (14020617) 401588.88
3781468.78 17.05231 (14020617)
401608.88 3781468.78 17.92161 (14020617) 401628.88
3781468.78 19.01282 (13071806)
401648.88 3781468.78 21.64858 (12111715) 401668.88
3781468.78 26.40788 (12111715)
401688.88 3781468.78 31.28650 (12111715) 401708.88
3781468.78 36.25856 (12111715)
401728.88 3781468.78 40.76019 (12111715) 401748.88
3781468.78 44.49706 (12111715)
401768.88 3781468.78 46.92813 (12111715) 401788.88
3781468.78 47.96565 (12111715)
401808.88 3781468.78 48.66197 (12021515) 401828.88
3781468.78 49.11120 (12021515)
401848.88 3781468.78 48.47649 (12021515) 401868.88
3781468.78 46.94179 (12021515)
401888.88 3781468.78 45.06425 (12021515) 401908.88
3781468.78 42.56488 (12021515)
401928.88 3781468.78 40.28396 (12042618) 401948.88
3781468.78 43.90648 (12042618)
401968.88 3781468.78 46.65577 (12042618) 401988.88
3781468.78 48.27552 (12042618)
402008.88 3781468.78 49.03391 (12042618) 402028.88
3781468.78 49.12915 (12042618)
402048.88 3781468.78 49.50863 (12120216) 402068.88
3781468.78 49.44157 (12120216)
402088.88 3781468.78 48.73302 (12120216) 402108.88
3781468.78 47.18903 (12120216)
402128.88 3781468.78 44.81508 (12120216) 402148.88
3781468.78 41.48831 (12120216)
402168.88 3781468.78 38.36191 (14120116) 402188.88
3781468.78 37.87602 (14120116)
402208.88 3781468.78 36.78562 (14120116) 402228.88
3781468.78 35.55910 (14120116)
402248.88 3781468.78 33.88637 (14120116) 402268.88
3781468.78 32.04377 (14120116)
402288.88 3781468.78 32.56176 (12031616) 402308.88
3781468.78 34.28774 (12031616)
402328.88 3781468.78 35.82276 (12031616) 402348.88
3781468.78 37.04905 (12031616)
402368.88 3781468.78 38.28337 (12031616) 402388.88
3781468.78 39.43295 (12031616)
402408.88 3781468.78 40.33591 (12031616) 402428.88
3781468.78 40.86342 (12031616)
402448.88 3781468.78 41.02143 (12031616) 402468.88
3781468.78 40.85404 (12031616)
402488.88 3781468.78 40.92277 (12031616) 402508.88

3781468.78   40.71098 (12031616)
        401308.88   3781488.78   12.64067 (12022717)   401328.88
3781488.78   12.83622 (12022717)
        401348.88   3781488.78   13.05096 (12022717)   401368.88
3781488.78   13.15201 (12022717)
        401388.88   3781488.78   13.34549 (12022717)   401408.88
3781488.78   13.53950 (12022717)
        401428.88   3781488.78   13.65675 (12022717)   401448.88
3781488.78   13.72902 (12022717)
        401468.88   3781488.78   13.79634 (12022717)   401488.88
3781488.78   13.86833 (12022717)
        401508.88   3781488.78   14.32996 (14020617)   401528.88
3781488.78   15.10569 (14020617)
        401548.88   3781488.78   15.87250 (14020617)   401568.88
3781488.78   16.80084 (14020617)
        401588.88   3781488.78   17.79340 (14020617)   401608.88
3781488.78   18.82722 (13071806)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
- -
        401628.88   3781488.78   20.04445 (13071806)   401648.88
3781488.78   21.37014 (13071806)
        401668.88   3781488.78   25.47988 (12111715)   401688.88
3781488.78   31.03515 (12111715)

401708.88 3781488.78 36.82186 (12111715) 401728.88
3781488.78 42.30242 (12111715)
401748.88 3781488.78 47.08223 (12111715) 401768.88
3781488.78 50.67458 (12111715)
401788.88 3781488.78 52.59773 (12111715) 401808.88
3781488.78 53.27662 (12021515)
401828.88 3781488.78 54.17988 (12021515) 401848.88
3781488.78 53.65256 (12021515)
401868.88 3781488.78 52.33084 (12021515) 401888.88
3781488.78 50.64746 (12021515)
401908.88 3781488.78 48.07835 (12021515) 401928.88
3781488.78 46.50677 (12042618)
401948.88 3781488.78 50.04128 (12042618) 401968.88
3781488.78 52.53730 (12042618)
401988.88 3781488.78 54.20913 (12042618) 402008.88
3781488.78 54.26406 (12042618)
402028.88 3781488.78 54.30287 (12120216) 402048.88
3781488.78 54.71616 (12120216)
402068.88 3781488.78 54.18688 (12120216) 402088.88
3781488.78 52.79173 (12120216)
402108.88 3781488.78 50.76531 (12120216) 402128.88
3781488.78 47.46525 (12120216)
402148.88 3781488.78 44.41488 (12120216) 402168.88
3781488.78 43.80958 (14120116)
402188.88 3781488.78 42.73620 (14120116) 402208.88
3781488.78 40.42474 (14120116)
402228.88 3781488.78 38.46932 (14120116) 402248.88
3781488.78 37.49128 (12031616)
402268.88 3781488.78 39.61946 (12031616) 402288.88
3781488.78 41.64050 (12031616)
402308.88 3781488.78 43.03685 (12031616) 402328.88
3781488.78 44.34018 (12031616)
402348.88 3781488.78 45.40588 (12031616) 402368.88
3781488.78 46.50529 (12031616)
402388.88 3781488.78 47.49603 (12031616) 402408.88
3781488.78 47.99200 (12031616)
402428.88 3781488.78 47.92530 (12031616) 402448.88
3781488.78 47.76683 (12031616)
402468.88 3781488.78 47.22788 (12031616) 402488.88
3781488.78 46.28643 (12031616)
402508.88 3781488.78 46.18546 (12031616) 401308.88
3781508.78 13.64168 (12022717)
401328.88 3781508.78 13.95165 (12022717) 401348.88
3781508.78 14.29084 (12022717)
401368.88 3781508.78 14.52406 (12022717) 401388.88
3781508.78 14.82600 (12022717)
401408.88 3781508.78 15.16361 (12022717) 401428.88
3781508.78 15.44671 (12022717)
401448.88 3781508.78 15.63534 (12022717) 401468.88
3781508.78 15.77685 (12022717)

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        401488.88   3781508.78       16.02472  (12022717)                401508.88
3781508.78       16.11715  (12022717)
        401528.88   3781508.78       16.27350  (12022717)                401548.88
3781508.78       16.46830  (14020617)
        401568.88   3781508.78       17.47726  (14020617)                401588.88
3781508.78       18.56154  (14020617)
        401608.88   3781508.78       19.79183  (13071806)                401628.88
3781508.78       21.15499  (13071806)
        401648.88   3781508.78       22.67156  (13071806)                401668.88
3781508.78       24.36797  (12111715)
        401688.88   3781508.78       30.33544  (12111715)                401708.88
3781508.78       36.98534  (12111715)
        401728.88   3781508.78       43.89178  (12111715)                401748.88
3781508.78       49.74150  (12111715)
        401768.88   3781508.78       54.79084  (12111715)                401788.88
3781508.78       57.74430  (12111715)
        401808.88   3781508.78       58.83882  (12111715)                401828.88
3781508.78       59.73399  (12021515)
        401848.88   3781508.78       59.81707  (12021515)                401868.88
3781508.78       58.79192  (12021515)
        401888.88   3781508.78       57.05430  (12021515)                401908.88
3781508.78       54.51746  (12021515)
        401928.88   3781508.78       53.08642  (12042618)                401948.88
3781508.78       56.48896  (12042618)
        401968.88   3781508.78       59.05534  (12042618)                401988.88
3781508.78       60.10467  (12042618)
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```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402008.88	3781508.78	60.31210	(12042618)	402028.88	3781508.78	60.76749	(12120216)
402048.88	3781508.78	60.63165	(12120216)	402068.88	3781508.78	59.74214	(12120216)
402088.88	3781508.78	57.67796	(12120216)	402108.88	3781508.78	54.66106	(12120216)
402128.88	3781508.78	50.77689	(12120216)	402148.88	3781508.78	49.97819	(14120116)
402168.88	3781508.78	48.95113	(14120116)	402188.88	3781508.78	47.32673	(14120116)
402208.88	3781508.78	44.31025	(14120116)	402228.88	3781508.78	46.25088	(12031616)
402248.88	3781508.78	48.47608	(12031616)	402268.88	3781508.78	50.26660	(12031616)
402288.88	3781508.78	51.90556	(12031616)	402308.88	3781508.78	53.28573	(12031616)
402328.88	3781508.78	54.16892	(12031616)	402348.88	3781508.78	55.22821	(12031616)
402368.88	3781508.78	56.17787	(12031616)	402388.88	3781508.78	56.62559	(12031616)
402408.88	3781508.78	56.63057	(12031616)	402428.88	3781508.78	55.88739	(12031616)
402448.88	3781508.78	54.86609	(12031616)	402468.88	3781508.78	53.93860	(12031616)
402488.88	3781508.78	52.55295	(12031616)	402508.88	3781508.78	51.61301	(12031616)
401308.88	3781528.78	14.46007	(12022717)	401328.88	3781528.78	14.91256	(12022717)
401348.88	3781528.78	15.39535	(12022717)	401368.88	3781528.78	15.76950	(12022717)
401388.88	3781528.78	16.16314	(12022717)	401408.88	3781528.78	16.67438	(12022717)
401428.88	3781528.78	17.12638	(12022717)	401448.88	3781528.78	17.47060	(12022717)
401468.88	3781528.78	17.80632	(12022717)	401488.88	3781528.78	18.22602	(12022717)
401508.88	3781528.78	18.44934	(12022717)	401528.88	3781528.78	18.78546	(12022717)
401548.88	3781528.78	19.00503	(12022717)	401568.88	3781528.78	19.30902	(12022717)
401588.88	3781528.78	19.55675	(12022717)	401608.88	3781528.78	20.76536	(13071806)
401628.88	3781528.78	22.30044	(13071806)	401648.88	3781528.78	24.05141	(15120908)
401668.88	3781528.78	26.01199	(15120908)	401688.88			

3781528.78   29.33182 (12111715)
        401708.88   3781528.78   36.70955 (12111715)   401728.88
3781528.78   44.83501 (12111715)
        401748.88   3781528.78   52.30728 (12111715)   401768.88
3781528.78   59.16997 (12111715)
        401788.88   3781528.78   64.08510 (12111715)   401808.88
3781528.78   66.34447 (12111715)
        401828.88   3781528.78   66.90908 (12021515)   401848.88
3781528.78   67.33662 (12021515)
        401868.88   3781528.78   66.71164 (12021515)   401888.88
3781528.78   65.05170 (12021515)
        401908.88   3781528.78   62.44135 (12021515)   401928.88
3781528.78   62.89057 (12042618)
        401948.88   3781528.78   66.32231 (12042618)   401968.88
3781528.78   68.07187 (12042618)
        401988.88   3781528.78   68.88424 (12042618)   402008.88
3781528.78   68.20517 (12120216)
        402028.88   3781528.78   68.48628 (12120216)   402048.88
3781528.78   67.71488 (12120216)
        402068.88   3781528.78   66.21576 (12120216)   402088.88
3781528.78   63.38489 (12120216)
        402108.88   3781528.78   59.49687 (12120216)   402128.88
3781528.78   57.45001 (14120116)
        402148.88   3781528.78   56.58058 (14120116)   402168.88
3781528.78   54.82886 (14120116)
        402188.88   3781528.78   55.24665 (12031616)   402208.88
3781528.78   57.64424 (12031616)
        402228.88   3781528.78   60.50366 (12031616)   402248.88
3781528.78   62.49339 (12031616)
        402268.88   3781528.78   63.86627 (12031616)   402288.88
3781528.78   64.94599 (12031616)
        402308.88   3781528.78   65.66010 (12031616)   402328.88
3781528.78   66.62954 (12031616)
        402348.88   3781528.78   68.82468 (12031616)   402368.88
3781528.78   68.42909 (12031616)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018

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, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        402388.88   3781528.78       68.33211  (12031616)               402408.88
3781528.78       67.55034  (12031616)
        402428.88   3781528.78       66.36553  (12031616)               402448.88
3781528.78       64.69655  (12031616)
        402468.88   3781528.78       66.01229  (12031616)               402488.88
3781528.78       63.62320  (12031616)
        402508.88   3781528.78       58.23534  (12031616)               401308.88
3781548.78       15.05763  (12022717)
        401328.88   3781548.78       15.68882  (12022717)               401348.88
3781548.78       16.25349  (12022717)
        401368.88   3781548.78       16.77766  (12022717)               401388.88
3781548.78       17.30772  (12022717)
        401408.88   3781548.78       17.98415  (12022717)               401428.88
3781548.78       18.62919  (12022717)
        401448.88   3781548.78       19.17680  (12022717)               401468.88
3781548.78       19.67423  (12022717)
        401488.88   3781548.78       20.34534  (12022717)               401508.88
3781548.78       20.66371  (12022717)
        401528.88   3781548.78       21.31579  (12022717)               401548.88
3781548.78       21.68757  (12022717)
        401568.88   3781548.78       22.27315  (12022717)               401588.88
3781548.78       22.86453  (12022717)
        401608.88   3781548.78       23.43884  (12022717)               401628.88
3781548.78       23.95536  (12022717)
        401648.88   3781548.78       25.59038  (15120908)               401668.88
3781548.78       27.85914  (15120908)
        401688.88   3781548.78       30.39081  (15120908)               401708.88
3781548.78       35.77497  (12111715)
        401728.88   3781548.78       44.98581  (12111715)               401748.88
3781548.78       54.59874  (12111715)
        401768.88   3781548.78       64.20818  (12111715)               401788.88
3781548.78       71.64172  (12111715)
        401808.88   3781548.78       75.64168  (12111715)               401828.88
3781548.78       77.19910  (12021515)
        401848.88   3781548.78       77.67515  (12021515)               401868.88
3781548.78       76.70025  (12021515)
```

401888.88 3781548.78 75.21981 (12021515) 401908.88
3781548.78 72.47229 (12021515)
401928.88 3781548.78 73.69358 (12042618) 401948.88
3781548.78 76.47772 (12042618)
401968.88 3781548.78 77.69248 (12042618) 401988.88
3781548.78 77.86699 (12042618)
402008.88 3781548.78 78.25527 (12120216) 402028.88
3781548.78 78.26021 (12120216)
402048.88 3781548.78 76.85703 (12120216) 402068.88
3781548.78 74.17809 (12120216)
402088.88 3781548.78 70.15837 (12120216) 402108.88
3781548.78 67.56105 (14120116)
402128.88 3781548.78 66.52457 (14120116) 402148.88
3781548.78 66.91112 (12031616)
402168.88 3781548.78 70.23356 (12031616) 402188.88
3781548.78 73.34446 (12031616)
402208.88 3781548.78 75.79733 (12031616) 402228.88
3781548.78 78.17715 (12031616)
402248.88 3781548.78 79.17791 (12031616) 402268.88
3781548.78 80.06386 (12031616)
402288.88 3781548.78 81.37206 (12031616) 402308.88
3781548.78 82.42872 (12031616)
402328.88 3781548.78 84.78984 (12031616) 402348.88
3781548.78 89.85215 (12031616)
402368.88 3781548.78 85.82860 (12031616) 402388.88
3781548.78 85.71774 (12031616)
402408.88 3781548.78 83.74577 (12031616) 402428.88
3781548.78 81.39766 (12031616)
402448.88 3781548.78 78.45855 (12031616) 402468.88
3781548.78 77.89379 (12031616)
402488.88 3781548.78 84.08949 (12031616) 402508.88
3781548.78 72.18921 (12031616)
401308.88 3781568.78 15.39193 (12022717) 401328.88
3781568.78 16.18203 (12022717)
401348.88 3781568.78 16.84105 (12022717) 401368.88
3781568.78 17.45729 (12022717)
401388.88 3781568.78 18.18891 (12022717) 401408.88
3781568.78 18.95319 (12022717)
401428.88 3781568.78 19.78393 (12022717) 401448.88
3781568.78 20.52700 (12022717)
401468.88 3781568.78 21.26469 (12022717) 401488.88
3781568.78 22.12087 (12022717)
401508.88 3781568.78 22.69040 (12022717) 401528.88
3781568.78 23.56780 (12022717)

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        401548.88   3781568.78       24.27003  (12022717)               401568.88
3781568.78       25.20846  (12022717)
        401588.88   3781568.78       26.14747  (12022717)               401608.88
3781568.78       27.13878  (12022717)
        401628.88   3781568.78       28.12939  (12022717)               401648.88
3781568.78       29.03111  (12022717)
        401668.88   3781568.78       29.94043  (12022717)               401688.88
3781568.78       32.65846  (15120908)
        401708.88   3781568.78       36.20906  (15120908)               401728.88
3781568.78       44.76675  (12111715)
        401748.88   3781568.78       56.43033  (12111715)               401768.88
3781568.78       69.59661  (12111715)
        401788.88   3781568.78       81.56905  (12111715)               401808.88
3781568.78       88.78294  (12111715)
        401828.88   3781568.78       90.94005  (12021515)               401848.88
3781568.78       91.60998  (12021515)
        401868.88   3781568.78       90.88508  (12021515)               401888.88
3781568.78       89.78885  (12021515)
        401908.88   3781568.78       86.89555  (12021515)               401928.88
3781568.78       88.22759  (12042618)
        401948.88   3781568.78       91.23852  (12042618)               401968.88
3781568.78       92.13012  (12042618)
        401988.88   3781568.78       92.26458  (12120216)               402008.88
3781568.78       91.69495  (12120216)
        402028.88   3781568.78       90.96499  (12120216)               402048.88
3781568.78       89.50559  (12120216)
        402068.88   3781568.78       85.03107  (12120216)               402088.88
```

3781568.78 81.28051 (14120116)
  402108.88 3781568.78 84.17788 (12031616) 402128.88
3781568.78 87.49038 (12031616)
  402148.88 3781568.78 90.24136 (12031616) 402168.88
3781568.78 94.76198 (12031616)
  402188.88 3781568.78 99.31535 (12031616) 402208.88
3781568.78 100.61922 (12031616)
  402228.88 3781568.78 101.60495 (12031616) 402248.88
3781568.78 101.04593 (12031616)
  402268.88 3781568.78 103.02637 (12031616) 402288.88
3781568.78 107.14530 (12031616)
  402308.88 3781568.78 114.05734 (12031616) 402328.88
3781568.78 122.05441 (12031616)
  402348.88 3781568.78 131.07091 (12031616) 402368.88
3781568.78 123.49336 (12031616)
  402388.88 3781568.78 120.73215 (12031616) 402408.88
3781568.78 118.32360 (12031616)
  402428.88 3781568.78 118.63603 (12031616) 402448.88
3781568.78 112.52890 (12031616)
  402468.88 3781568.78 108.01810 (12031616) 402488.88
3781568.78 119.95891 (12120116)
  402508.88 3781568.78 121.66407 (12120116) 401308.88
3781588.78 15.41304 (12022717)
  401328.88 3781588.78 16.19983 (12022717) 401348.88
3781588.78 17.03534 (12022717)
  401368.88 3781588.78 17.72804 (12022717) 401388.88
3781588.78 18.59365 (12022717)
  401408.88 3781588.78 19.70972 (12022717) 401428.88
3781588.78 20.64696 (12022717)
  401448.88 3781588.78 21.54556 (12022717) 401468.88
3781588.78 22.42942 (12022717)
  401488.88 3781588.78 23.77442 (12022717) 401508.88
3781588.78 24.48925 (12022717)
  401528.88 3781588.78 25.52231 (12022717) 401548.88
3781588.78 26.53144 (12022717)
  401568.88 3781588.78 27.88744 (12022717) 401588.88
3781588.78 29.30000 (12022717)
  401608.88 3781588.78 30.55393 (12022717) 401628.88
3781588.78 31.96318 (12022717)
  401648.88 3781588.78 33.60660 (12022717) 401668.88
3781588.78 35.32690 (12022717)
  401688.88 3781588.78 37.28646 (12022717) 401708.88
3781588.78 39.48874 (15120908)
  401728.88 3781588.78 44.86301 (15120908) 401748.88
3781588.78 57.25958 (12111715)
  401768.88 3781588.78 75.18169 (12111715) 401788.88
3781588.78 96.28080 (12111715)
  401808.88 3781588.78 111.65509 (12111715) 401828.88
3781588.78 115.26216 (12021515)
  401848.88 3781588.78 115.55394 (12021515) 401868.88

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        401928.88   3781588.78   112.10255 (16093007)   401948.88
3781588.78   113.77826 (12042618)
        401968.88   3781588.78   114.43906 (12120216)   401988.88
3781588.78   114.58064 (12120216)
        402008.88   3781588.78   113.65069 (12120216)   402028.88
3781588.78   111.38334 (12120216)
        402048.88   3781588.78   107.28808 (12120216)   402068.88
3781588.78   111.04401 (12031616)
        402088.88   3781588.78   114.89887 (12031616)   402108.88
3781588.78   118.49267 (12031616)
        402128.88   3781588.78   120.14118 (12031616)   402148.88
3781588.78   126.41832 (12031616)
        402168.88   3781588.78   137.03888 (12031616)   402188.88
3781588.78   142.26528 (12031616)
        402208.88   3781588.78   140.47268 (12031616)   402228.88
3781588.78   138.75035 (12031616)
        402248.88   3781588.78   141.41584 (12031616)   402268.88
3781588.78   157.38493 (12031616)

402288.88 3781588.78 182.86747 (12031616) 402308.88
3781588.78 193.34357 (12120116)
402328.88 3781588.78 176.30134 (12120116) 402348.88
3781588.78 161.48557 (12120116)
402368.88 3781588.78 160.74329 (12120116) 402388.88
3781588.78 154.81585 (12120116)
402408.88 3781588.78 159.38610 (12120116) 402428.88
3781588.78 151.68117 (12120116)
402448.88 3781588.78 152.93936 (12120116) 402468.88
3781588.78 148.39266 (12120116)
402488.88 3781588.78 148.45316 (12120116) 402508.88
3781588.78 144.77977 (12120116)
401308.88 3781608.78 15.01279 (12022717) 401328.88
3781608.78 15.86485 (12022717)
401348.88 3781608.78 16.75235 (12022717) 401368.88
3781608.78 17.56602 (12022717)
401388.88 3781608.78 18.61585 (12022717) 401408.88
3781608.78 19.71704 (12022717)
401428.88 3781608.78 20.77739 (12022717) 401448.88
3781608.78 21.77402 (12022717)
401468.88 3781608.78 22.94507 (12022717) 401488.88
3781608.78 24.41657 (12022717)
401508.88 3781608.78 25.49243 (12022717) 401528.88
3781608.78 26.93933 (12022717)
401548.88 3781608.78 28.09707 (12022717) 401568.88
3781608.78 29.74685 (12022717)
401588.88 3781608.78 31.57046 (12022717) 401608.88
3781608.78 33.35594 (12022717)
401628.88 3781608.78 35.35699 (12022717) 401648.88
3781608.78 37.60233 (12022717)
401668.88 3781608.78 39.91048 (12022717) 401688.88
3781608.78 43.02808 (12022717)
401708.88 3781608.78 46.61756 (12022717) 401728.88
3781608.78 50.82929 (12022717)
401748.88 3781608.78 58.30414 (15120908) 401768.88
3781608.78 77.86201 (12111715)
401788.88 3781608.78 114.11214 (12111715) 401808.88
3781608.78 153.97705 (12111715)
401828.88 3781608.78 156.95424 (12111715) 401848.88
3781608.78 159.42174 (12021515)
401868.88 3781608.78 160.32757 (16093007) 401888.88
3781608.78 166.25705 (16093007)
401908.88 3781608.78 169.80739 (16093007) 401928.88
3781608.78 169.21714 (16093007)
401948.88 3781608.78 169.60562 (16093007) 401968.88
3781608.78 167.83893 (16093007)
401988.88 3781608.78 165.75373 (16093007) 402008.88
3781608.78 166.83033 (12031616)
402028.88 3781608.78 170.99984 (12031616) 402048.88
3781608.78 175.86665 (12031616)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402308.88	3781608.78	94.91530	(12120116)	402328.88	3781608.78	83.44354	(12120116)
402348.88	3781608.78	89.46658	(12120116)	402368.88	3781608.78	84.43528	(12120116)
402388.88	3781608.78	80.27773	(12120116)	402408.88	3781608.78	75.69715	(12120116)
402428.88	3781608.78	75.20760	(12043018)	402448.88	3781608.78	75.05452	(12043018)
402468.88	3781608.78	75.44821	(12043018)	402488.88			

3781608.78 75.51578 (12043018)
402508.88 3781608.78 75.34261 (12043018) 401308.88
3781628.78 16.55403 (13051303)
401328.88 3781628.78 17.17306 (13051303) 401348.88
3781628.78 17.74674 (13051303)
401368.88 3781628.78 17.60150 (13051303) 401388.88
3781628.78 18.11270 (13051303)
401408.88 3781628.78 19.18630 (12022717) 401428.88
3781628.78 20.30915 (12022717)
401448.88 3781628.78 21.49242 (12022717) 401468.88
3781628.78 22.76425 (12022717)
401488.88 3781628.78 24.29901 (12022717) 401508.88
3781628.78 25.53231 (12022717)
401528.88 3781628.78 27.25904 (12022717) 401548.88
3781628.78 28.72555 (12022717)
401568.88 3781628.78 30.68320 (12022717) 401588.88
3781628.78 32.91395 (12022717)
401608.88 3781628.78 35.39583 (12022717) 401628.88
3781628.78 37.62565 (12022717)
401648.88 3781628.78 40.58580 (12022717) 401668.88
3781628.78 43.83936 (12022717)
401688.88 3781628.78 47.71481 (12022717) 401708.88
3781628.78 54.18125 (12120215)
401728.88 3781628.78 62.69464 (12120215) 401748.88
3781628.78 74.95289 (12120215)
401768.88 3781628.78 95.10699 (12033117) 401788.88
3781628.78 145.84698 (12033117)
402128.88 3781628.78 260.09995 (12031616) 402148.88
3781628.78 191.88781 (12031616)
402168.88 3781628.78 156.08278 (12031616) 402188.88
3781628.78 136.54104 (12120116)
402208.88 3781628.78 124.83848 (12120116) 402228.88
3781628.78 115.05616 (12120116)
402248.88 3781628.78 105.57306 (12120116) 402268.88
3781628.78 96.49964 (12120116)
402288.88 3781628.78 78.70771 (12120116) 402308.88
3781628.78 72.25761 (12120116)
402328.88 3781628.78 66.84788 (12120116) 402348.88
3781628.78 66.23821 (12120116)
402368.88 3781628.78 62.91927 (12120116) 402388.88
3781628.78 55.26997 (12120116)
402408.88 3781628.78 51.56220 (12120116) 402428.88
3781628.78 50.67427 (12120116)
402448.88 3781628.78 48.43472 (12120116) 402468.88
3781628.78 46.18190 (12120116)
402488.88 3781628.78 44.95606 (12071919) 402508.88
3781628.78 45.29607 (12043018)
401308.88 3781648.78 18.46798 (13051303) 401328.88
3781648.78 18.80624 (13051303)
401348.88 3781648.78 19.38923 (13051303) 401368.88

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3781648.78       19.96626  (13051303)
        401388.88   3781648.78       20.10397  (13051303)                401408.88
3781648.78       20.32603  (13051303)
        401428.88   3781648.78       20.36775  (13051303)                401448.88
3781648.78       21.44694  (12120215)
        401468.88   3781648.78       22.97408  (12120215)                401488.88
3781648.78       24.66500  (12120215)
        401508.88   3781648.78       26.54313  (12120215)                401528.88
3781648.78       28.61899  (12120215)
        401548.88   3781648.78       30.92059  (12120215)                401568.88
3781648.78       33.56560  (12120215)
        401588.88   3781648.78       36.46883  (12120215)                401608.88
3781648.78       40.07153  (12120215)
        401628.88   3781648.78       43.63006  (12120215)                401648.88
3781648.78       48.53916  (12120215)
        401668.88   3781648.78       54.39937  (12120215)                401688.88
3781648.78       61.43210  (12033117)
        401708.88   3781648.78       72.56798  (12033117)                401728.88
3781648.78       86.70579  (12033117)
        401748.88   3781648.78      108.73261  (12033117)                401768.88
3781648.78      142.65352  (12033117)
↑ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***       05:36:20

                                  PAGE 403
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
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401788.88 3781648.78 213.52265 (12033117) 402108.88
3781648.78 233.17741 (12031616)
402128.88 3781648.78 219.85531 (12120116) 402148.88
3781648.78 167.28729 (12120116)
402168.88 3781648.78 138.94461 (12120116) 402188.88
3781648.78 120.20779 (12120116)
402208.88 3781648.78 106.89289 (12120116) 402228.88
3781648.78 96.21555 (12120116)
402248.88 3781648.78 86.23412 (12120116) 402268.88
3781648.78 76.95418 (12120116)
402288.88 3781648.78 71.52537 (12120116) 402308.88
3781648.78 65.40715 (12120116)
402328.88 3781648.78 60.52812 (12120116) 402348.88
3781648.78 57.62039 (12120116)
402368.88 3781648.78 53.95555 (12120116) 402388.88
3781648.78 48.89166 (12120116)
402408.88 3781648.78 45.49633 (12120116) 402428.88
3781648.78 43.58797 (12120116)
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3781648.78 39.01151 (12120116)
402488.88 3781648.78 37.07095 (12120116) 402508.88
3781648.78 35.55175 (12022708)
401308.88 3781668.78 20.09004 (13051303) 401328.88
3781668.78 20.71470 (13051303)
401348.88 3781668.78 21.38445 (13051303) 401368.88
3781668.78 22.10455 (13051303)
401388.88 3781668.78 22.40422 (13100421) 401408.88
3781668.78 22.44760 (13100421)
401428.88 3781668.78 23.46110 (12120215) 401448.88
3781668.78 25.12257 (12120215)
401468.88 3781668.78 26.97446 (12120215) 401488.88
3781668.78 29.01958 (12120215)
401508.88 3781668.78 31.28582 (12120215) 401528.88
3781668.78 33.84214 (12120215)
401548.88 3781668.78 36.58069 (12120215) 401568.88
3781668.78 40.26009 (12033117)
401588.88 3781668.78 44.66302 (12033117) 401608.88
3781668.78 50.02105 (12033117)
401628.88 3781668.78 55.20082 (12033117) 401648.88
3781668.78 62.16605 (12033117)
401668.88 3781668.78 71.44559 (12033117) 401688.88
3781668.78 81.84131 (12033117)
401708.88 3781668.78 97.94811 (12033117) 401728.88
3781668.78 115.26374 (12033117)
401748.88 3781668.78 142.81573 (12033117) 401768.88
3781668.78 180.29482 (12033117)
401788.88 3781668.78 251.34084 (12033117) 402108.88
3781668.78 259.32345 (12120116)
402128.88 3781668.78 188.35628 (12120116) 402148.88
3781668.78 149.32922 (12120116)

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        402168.88   3781668.78      126.28901  (12120116)                402188.88
3781668.78      109.72807  (12120116)
        402208.88   3781668.78       97.51521  (12120116)                402228.88
3781668.78       87.63064  (12120116)
        402248.88   3781668.78       79.32766  (12120116)                402268.88
3781668.78       71.53081  (12120116)
        402288.88   3781668.78       65.78347  (12120116)                402308.88
3781668.78       60.24789  (12120116)
        402328.88   3781668.78       55.35772  (12120116)                402348.88
3781668.78       51.93238  (12120116)
        402368.88   3781668.78       48.42220  (12120116)                402388.88
3781668.78       44.75979  (12120116)
        402408.88   3781668.78       41.04060  (12120116)                402428.88
3781668.78       38.83257  (12120116)
        402448.88   3781668.78       36.43201  (12120116)                402468.88
3781668.78       34.27370  (12120116)
        402488.88   3781668.78       32.15243  (12120116)                402508.88
3781668.78       30.39177  (12022708)
        401308.88   3781688.78       20.89556  (13100421)                401328.88
3781688.78       21.66901  (13100421)
        401348.88   3781688.78       22.33628  (13100421)                401368.88
3781688.78       23.14279  (13100421)
        401388.88   3781688.78       23.44657  (13100421)                401408.88
3781688.78       24.93758  (12120215)
        401428.88   3781688.78       26.66414  (12120215)                401448.88
3781688.78       28.82125  (12033117)
        401468.88   3781688.78       31.45765  (12033117)                401488.88
3781688.78       34.39205  (12033117)
        401508.88   3781688.78       37.65080  (12033117)                401528.88
3781688.78       41.30871  (12033117)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        05:36:20

                                  PAGE 404
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401548.88	3781688.78	45.40012	(12033117)	401568.88	3781688.78	50.01834	(12033117)
401588.88	3781688.78	55.17041	(12033117)	401608.88	3781688.78	61.23952	(12033117)
401628.88	3781688.78	68.20003	(12033117)	401648.88	3781688.78	76.69902	(12033117)
401668.88	3781688.78	86.56177	(12033117)	401688.88	3781688.78	98.92915	(12033117)
401708.88	3781688.78	115.09962	(12033117)	401728.88	3781688.78	135.73025	(12033117)
401748.88	3781688.78	164.04291	(12033117)	401768.88	3781688.78	200.67912	(12033117)
401788.88	3781688.78	270.15306	(12033117)	402088.88	3781688.78	247.33716	(12120116)
402108.88	3781688.78	214.30892	(12043018)	402128.88	3781688.78	160.13885	(12120116)
402148.88	3781688.78	132.72743	(12120116)	402168.88	3781688.78	114.00406	(12120116)
402188.88	3781688.78	100.08769	(12120116)	402208.88	3781688.78	89.45145	(12120116)
402228.88	3781688.78	80.16064	(12120116)	402248.88	3781688.78	71.59061	(12120116)
402268.88	3781688.78	64.96458	(12120116)	402288.88	3781688.78	59.63952	(12120116)
402308.88	3781688.78	54.24417	(12120116)	402328.88	3781688.78	49.54706	(12120116)
402348.88	3781688.78	46.28572	(12120116)	402368.88	3781688.78	43.42558	(12120116)
402388.88	3781688.78	39.78910	(12120116)	402408.88	3781688.78	36.76494	(12120116)
402428.88	3781688.78	34.32125	(12120116)	402448.88	3781688.78	32.05587	(12120116)
402468.88	3781688.78	29.95199	(12120116)	402488.88	3781688.78	27.94563	(12120116)
402508.88	3781688.78	26.90610	(12022708)	401308.88	3781708.78	24.23892	(13100421)
401328.88	3781708.78	25.30325	(13100421)	401348.88	3781708.78	25.89109	(13100421)
401368.88	3781708.78	26.58638	(13100421)	401388.88	3781708.78	27.32158	(12033117)
401408.88	3781708.78	29.59240	(12033117)	401428.88			

3781708.78   32.09519 (12033117)
        401448.88   3781708.78   34.90743 (12033117)   401468.88
3781708.78   38.02308 (12033117)
        401488.88   3781708.78   41.50450 (12033117)   401508.88
3781708.78   45.35771 (12033117)
        401528.88   3781708.78   49.47149 (12033117)   401548.88
3781708.78   53.81339 (12033117)
        401568.88   3781708.78   58.86659 (12033117)   401588.88
3781708.78   64.44767 (12033117)
        401608.88   3781708.78   71.24998 (12033117)   401628.88
3781708.78   79.34394 (12033117)
        401648.88   3781708.78   88.65711 (12033117)   401668.88
3781708.78   100.41536 (12033117)
        401688.88   3781708.78   111.39102 (12033117)   401708.88
3781708.78   129.61801 (12033117)
        401728.88   3781708.78   147.91895 (12033117)   401748.88
3781708.78   176.11900 (12033117)
        401768.88   3781708.78   210.66407 (12033117)   401788.88
3781708.78   279.97736 (12033117)
        402088.88   3781708.78   228.01730 (12043018)   402108.88
3781708.78   183.97968 (12043018)
        402128.88   3781708.78   151.81641 (12043018)   402148.88
3781708.78   130.38294 (12043018)
        402168.88   3781708.78   113.92096 (12043018)   402188.88
3781708.78   98.19650 (12043018)
        402208.88   3781708.78   81.32702 (12043018)   402228.88
3781708.78   76.17429 (12043018)
        402248.88   3781708.78   72.21766 (12043018)   402268.88
3781708.78   60.25381 (12043018)
        402288.88   3781708.78   56.67303 (12043018)   402308.88
3781708.78   50.49118 (12043018)
        402328.88   3781708.78   46.32199 (12043018)   402348.88
3781708.78   41.73998 (12043018)
        402368.88   3781708.78   38.16725 (12120116)   402388.88
3781708.78   36.17649 (12043018)
        402408.88   3781708.78   33.48405 (12043018)   402428.88
3781708.78   31.35996 (12043018)
        402448.88   3781708.78   29.38557 (12043018)   402468.88
3781708.78   27.63303 (12043018)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002

```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        402488.88   3781708.78       26.08340  (12043018)               402508.88
3781708.78       24.61939  (12043018)
        401308.88   3781728.78       24.93842  (15071823)               401328.88
3781728.78       26.08380  (12033117)
        401348.88   3781728.78       28.01299  (12033117)               401368.88
3781728.78       30.11343  (12033117)
        401388.88   3781728.78       32.42825  (12033117)               401408.88
3781728.78       34.98752  (12033117)
        401428.88   3781728.78       37.79489  (12033117)               401448.88
3781728.78       40.88183  (12033117)
        401468.88   3781728.78       44.27875  (12033117)               401488.88
3781728.78       48.01061  (12033117)
        401508.88   3781728.78       52.05171  (12033117)               401528.88
3781728.78       56.14436  (12033117)
        401548.88   3781728.78       60.68412  (12033117)               401568.88
3781728.78       65.95350  (12033117)
        401588.88   3781728.78       71.54900  (12033117)               401608.88
3781728.78       78.93569  (12033117)
        401628.88   3781728.78       86.72488  (12033117)               401648.88
3781728.78       96.18340  (12033117)
        401668.88   3781728.78      106.99344  (12033117)               401688.88
3781728.78      119.56361  (12033117)
        401708.88   3781728.78      134.11691  (12033117)               401728.88
3781728.78      153.24380  (12033117)
        401748.88   3781728.78      179.35748  (12033117)               401768.88
3781728.78      213.46086  (12033117)
        401788.88   3781728.78      281.04101  (12033117)               402088.88
3781728.78      205.46889  (12043018)
        402108.88   3781728.78      166.34197  (12043018)               402128.88
3781728.78      153.22863  (12043018)
        402148.88   3781728.78      134.80614  (12043018)               402168.88
3781728.78      119.59389  (12043018)
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        402188.88   3781728.78      106.40761  (12043018)                402208.88
3781728.78       92.80612  (12043018)
        402228.88   3781728.78       82.61180  (12043018)                402248.88
3781728.78       76.32845  (12043018)
        402268.88   3781728.78       68.72082  (12043018)                402288.88
3781728.78       62.15790  (12043018)
        402308.88   3781728.78       55.25800  (12043018)                402328.88
3781728.78       51.11382  (12043018)
        402348.88   3781728.78       46.34545  (12043018)                402368.88
3781728.78       41.56468  (12043018)
        402388.88   3781728.78       39.04225  (12043018)                402408.88
3781728.78       35.94332  (12043018)
        402428.88   3781728.78       33.62863  (12043018)                402448.88
3781728.78       31.45064  (12043018)
        402468.88   3781728.78       29.43565  (12043018)                402488.88
3781728.78       27.61864  (12043018)
        402508.88   3781728.78       25.97578  (12043018)                401308.88
3781748.78       28.14986  (12033117)
        401328.88   3781748.78       30.07553  (12033117)                401348.88
3781748.78       32.18735  (12033117)
        401368.88   3781748.78       34.47671  (12033117)                401388.88
3781748.78       36.98200  (12033117)
        401408.88   3781748.78       39.71315  (12033117)                401428.88
3781748.78       42.67772  (12033117)
        401448.88   3781748.78       45.89382  (12033117)                401468.88
3781748.78       49.40516  (12033117)
        401488.88   3781748.78       53.20299  (12033117)                401508.88
3781748.78       57.22776  (12033117)
        401528.88   3781748.78       61.31616  (12033117)                401548.88
3781748.78       65.60602  (12033117)
        401568.88   3781748.78       70.87678  (12033117)                401588.88
3781748.78       76.43396  (12033117)
        401608.88   3781748.78       83.78103  (12033117)                401628.88
3781748.78       91.38650  (12033117)
        401648.88   3781748.78      100.23613  (12033117)                401668.88
3781748.78      110.72561  (12033117)
        401688.88   3781748.78      122.99196  (12033117)                401708.88
3781748.78      136.97071  (12033117)
        401728.88   3781748.78      155.69436  (12033117)                401748.88
3781748.78      180.57189  (12033117)
        401768.88   3781748.78      212.55290  (12033117)                401788.88
3781748.78      278.85044  (12033117)
        402068.88   3781748.78      256.89615  (12043018)                402088.88
3781748.78      195.03835  (12043018)
        402108.88   3781748.78      164.15187  (12043018)                402128.88
3781748.78      132.25568  (12043018)
        402148.88   3781748.78      116.55860  (12043018)                402168.88
3781748.78      105.44464  (12043018)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
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                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                            ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        402188.88   3781748.78   97.25309 (12043018)   402208.88   3781748.78   92.47452 (12043018)
        402228.88   3781748.78   85.72317 (12043018)   402248.88   3781748.78   77.98970 (12043018)
        402268.88   3781748.78   71.63448 (12043018)   402288.88   3781748.78   65.38683 (12043018)
        402308.88   3781748.78   58.53830 (12043018)   402328.88   3781748.78   53.88010 (12043018)
        402348.88   3781748.78   50.14679 (12043018)   402368.88   3781748.78   45.92098 (12043018)
        402388.88   3781748.78   42.28223 (12043018)   402408.88   3781748.78   39.13097 (12043018)
        402428.88   3781748.78   36.36632 (12043018)   402448.88   3781748.78   34.02946 (12043018)
        402468.88   3781748.78   31.68946 (12043018)   402488.88   3781748.78   29.67375 (12043018)
        402508.88   3781748.78   27.82353 (12043018)   401308.88   3781768.78   31.52130 (12033117)
        401328.88   3781768.78   33.55265 (12033117)   401348.88   3781768.78   35.75362 (12033117)
        401368.88   3781768.78   38.12151 (12033117)   401388.88   3781768.78   40.69798 (12033117)
        401408.88   3781768.78   43.46514 (12033117)   401428.88

3781768.78 46.45516 (12033117)
401448.88 3781768.78 49.65759 (12033117) 401468.88
3781768.78 53.12996 (12033117)
401488.88 3781768.78 56.85182 (12033117) 401508.88
3781768.78 60.69952 (12033117)
401528.88 3781768.78 64.28855 (12033117) 401548.88
3781768.78 68.56967 (12033117)
401568.88 3781768.78 73.28638 (12033117) 401588.88
3781768.78 78.79850 (12033117)
401608.88 3781768.78 85.17673 (12033117) 401628.88
3781768.78 92.23997 (12033117)
401648.88 3781768.78 100.53584 (12033117) 401668.88
3781768.78 109.65264 (12033117)
401688.88 3781768.78 121.07078 (12033117) 401708.88
3781768.78 135.07911 (12033117)
401728.88 3781768.78 154.22899 (12033117) 401748.88
3781768.78 177.32061 (12033117)
401768.88 3781768.78 208.64380 (12033117) 401788.88
3781768.78 275.71507 (12033117)
402068.88 3781768.78 237.07445 (12121716) 402088.88
3781768.78 185.52619 (12121716)
402108.88 3781768.78 143.59516 (12121716) 402128.88
3781768.78 120.37575 (12043018)
402148.88 3781768.78 107.61881 (12043018) 402168.88
3781768.78 97.81284 (12043018)
402188.88 3781768.78 89.50992 (12043018) 402208.88
3781768.78 84.97745 (12043018)
402228.88 3781768.78 85.74921 (12043018) 402248.88
3781768.78 78.74557 (12043018)
402268.88 3781768.78 72.71359 (12043018) 402288.88
3781768.78 66.73439 (12043018)
402308.88 3781768.78 60.67372 (12043018) 402328.88
3781768.78 55.56244 (12043018)
402348.88 3781768.78 52.24990 (12043018) 402368.88
3781768.78 48.94377 (12043018)
402388.88 3781768.78 45.37974 (12043018) 402408.88
3781768.78 42.12534 (12043018)
402428.88 3781768.78 39.17649 (12043018) 402448.88
3781768.78 36.43592 (12043018)
402468.88 3781768.78 33.95141 (12043018) 402488.88
3781768.78 31.80869 (12043018)
402508.88 3781768.78 29.82107 (12043018) 401308.88
3781788.78 34.14112 (12033117)
401328.88 3781788.78 36.18142 (12033117) 401348.88
3781788.78 38.39638 (12033117)
401368.88 3781788.78 40.77478 (12033117) 401388.88
3781788.78 43.30656 (12033117)
401408.88 3781788.78 46.02445 (12033117) 401428.88
3781788.78 48.91878 (12033117)
401448.88 3781788.78 52.04152 (12033117) 401468.88

3781788.78   55.37128 (12033117)
        401488.88   3781788.78   58.93995 (12033117)   401508.88
3781788.78   62.61546 (12033117)
        401528.88   3781788.78   65.94693 (12033117)   401548.88
3781788.78   69.50554 (12033117)
        401568.88   3781788.78   73.74173 (12033117)   401588.88
3781788.78   79.12599 (12033117)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401608.88	3781788.78	85.10752	(12033117)	401628.88	3781788.78	91.92072	(12033117)
401648.88	3781788.78	99.61525	(12033117)	401668.88	3781788.78	109.11690	(12033117)
401688.88	3781788.78	122.27898	(12033117)	401708.88	3781788.78	137.30659	(12033117)
401728.88	3781788.78	155.91998	(12033117)	401748.88	3781788.78	180.51188	(12033117)
401768.88	3781788.78	205.21034	(12033117)	401788.88	3781788.78	271.60377	(12033117)
402068.88	3781788.78	221.17081	(12121716)	402088.88	3781788.78	176.04843	(12121716)
402108.88	3781788.78	141.47123	(12121716)	402128.88	3781788.78	115.78648	(12121716)

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        402148.88   3781788.78      103.63529  (12043018)              402168.88
3781788.78       94.56936  (12043018)
        402188.88   3781788.78       86.84547  (12043018)              402208.88
3781788.78       83.04443  (12043018)
        402228.88   3781788.78       83.59213  (12043018)              402248.88
3781788.78       77.69167  (12043018)
        402268.88   3781788.78       71.79394  (12043018)              402288.88
3781788.78       65.98098  (12043018)
        402308.88   3781788.78       61.07803  (12043018)              402328.88
3781788.78       56.64775  (12043018)
        402348.88   3781788.78       52.90858  (12043018)              402368.88
3781788.78       50.64011  (12043018)
        402388.88   3781788.78       47.06392  (12043018)              402408.88
3781788.78       43.95562  (12043018)
        402428.88   3781788.78       41.08565  (12043018)              402448.88
3781788.78       38.36114  (12043018)
        402468.88   3781788.78       35.90404  (12043018)              402488.88
3781788.78       33.78541  (12043018)
        402508.88   3781788.78       31.74575  (12043018)              401308.88
3781808.78       36.11017  (12033117)
        401328.88   3781808.78       38.08183  (12033117)              401348.88
3781808.78       40.18844  (12033117)
        401368.88   3781808.78       42.42872  (12033117)              401388.88
3781808.78       44.80895  (12033117)
        401408.88   3781808.78       47.34908  (12033117)              401428.88
3781808.78       50.05001  (12033117)
        401448.88   3781808.78       52.90129  (12033117)              401468.88
3781808.78       55.93029  (12033117)
        401488.88   3781808.78       59.14849  (12033117)              401508.88
3781808.78       62.47927  (12033117)
        401528.88   3781808.78       65.22034  (12033117)              401548.88
3781808.78       68.43036  (12033117)
        401568.88   3781808.78       72.69575  (12033117)              401588.88
3781808.78       77.35024  (12033117)
        401608.88   3781808.78       82.62724  (12033117)              401628.88
3781808.78       89.43365  (12033117)
        401648.88   3781808.78       99.65392  (12033117)              401668.88
3781808.78      109.38945  (12033117)
        401688.88   3781808.78      120.45349  (12033117)              401708.88
3781808.78      134.13182  (12033117)
        401728.88   3781808.78      152.14570  (12033117)              401748.88
3781808.78      173.56929  (12033117)
        401768.88   3781808.78      204.81655  (12033117)              401788.88
3781808.78      263.53145  (12033117)
        402068.88   3781808.78      217.75570  (12121716)              402088.88
3781808.78      173.46915  (12121716)
        402108.88   3781808.78      137.48885  (12121716)              402128.88
3781808.78      116.75818  (12121716)
        402148.88   3781808.78      100.77270  (12121716)              402168.88
3781808.78       91.56747  (12121716)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402508.88	3781808.78	33.28905	(12043018)	401308.88	3781828.78	37.13366	(12033117)
401328.88	3781828.78	38.96923	(12033117)	401348.88	3781828.78	40.90331	(12033117)
401368.88	3781828.78	42.94172	(12033117)	401388.88			

3781828.78 45.09182 (12033117)
401408.88 3781828.78 47.36148 (12033117) 401428.88
3781828.78 49.75503 (12033117)
401448.88 3781828.78 52.24719 (12033117) 401468.88
3781828.78 54.83119 (12033117)
401488.88 3781828.78 57.50643 (12033117) 401508.88
3781828.78 60.21021 (12033117)
401528.88 3781828.78 62.79902 (12033117) 401548.88
3781828.78 65.54002 (12033117)
401568.88 3781828.78 68.83973 (12033117) 401588.88
3781828.78 73.32601 (12033117)
401608.88 3781828.78 80.27826 (12033117) 401628.88
3781828.78 87.23724 (12033117)
401648.88 3781828.78 93.98137 (12033117) 401668.88
3781828.78 101.86478 (12033117)
401688.88 3781828.78 111.42329 (12033117) 401708.88
3781828.78 123.36257 (12033117)
401728.88 3781828.78 140.21975 (12033117) 401748.88
3781828.78 156.67899 (12033117)
401768.88 3781828.78 188.40488 (12033117) 401788.88
3781828.78 248.40956 (12033117)
402068.88 3781828.78 202.59503 (12071919) 402088.88
3781828.78 164.08391 (12071919)
402108.88 3781828.78 133.99284 (12071919) 402128.88
3781828.78 113.10212 (12121716)
402148.88 3781828.78 98.37389 (12121716) 402168.88
3781828.78 89.10848 (12121716)
402188.88 3781828.78 81.94982 (12121716) 402208.88
3781828.78 78.46670 (12121716)
402228.88 3781828.78 77.51103 (12121716) 402248.88
3781828.78 71.74715 (12043018)
402268.88 3781828.78 67.30349 (12043018) 402288.88
3781828.78 63.07629 (12043018)
402308.88 3781828.78 59.12304 (12043018) 402328.88
3781828.78 55.52454 (12043018)
402348.88 3781828.78 52.43727 (12043018) 402368.88
3781828.78 50.47106 (12043018)
402388.88 3781828.78 47.37967 (12043018) 402408.88
3781828.78 44.73999 (12043018)
402428.88 3781828.78 42.60659 (12043018) 402448.88
3781828.78 40.34587 (12043018)
402468.88 3781828.78 38.11249 (12043018) 402488.88
3781828.78 36.19092 (12043018)
402508.88 3781828.78 34.27059 (12043018) 401308.88
3781848.78 37.17541 (12033117)
401328.88 3781848.78 38.80604 (12033117) 401348.88
3781848.78 40.50835 (12033117)
401368.88 3781848.78 42.28759 (12033117) 401388.88
3781848.78 44.14628 (12033117)
401408.88 3781848.78 46.09256 (12033117) 401428.88

3781848.78   48.12592 (12033117)
        401448.88   3781848.78   50.23665 (12033117)   401468.88
3781848.78   52.47226 (12033117)
        401488.88   3781848.78   54.59612 (12033117)   401508.88
3781848.78   56.96461 (12033117)
        401528.88   3781848.78   59.08122 (12033117)   401548.88
3781848.78   61.13108 (12033117)
        401568.88   3781848.78   65.03668 (12033117)   401588.88
3781848.78   69.91366 (12033117)
        401608.88   3781848.78   74.18420 (12033117)   401628.88
3781848.78   78.70173 (12033117)
        401648.88   3781848.78   83.90174 (12033117)   401668.88
3781848.78   90.50337 (12033117)
        401688.88   3781848.78   98.97193 (12033117)   401708.88
3781848.78   108.23714 (12033117)
        401728.88   3781848.78   120.03838 (12033117)   401748.88
3781848.78   137.01336 (12033117)
        401768.88   3781848.78   167.01265 (12033117)   401788.88
3781848.78   227.95876 (12033117)
        401908.88   3781848.78   190.21332 (12071919)   401928.88
3781848.78   157.24813 (12071919)
        401948.88   3781848.78   146.03556 (12071919)   401968.88
3781848.78   145.44885 (12071919)
        401988.88   3781848.78   149.43119 (12071919)   402008.88
3781848.78   153.28993 (12071919)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                                     L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                                     L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                                     L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402028.88	3781848.78	160.44154	(12071919)	402048.88	3781848.78	166.58813	(12071919)
402068.88	3781848.78	164.32984	(12071919)	402088.88	3781848.78	148.07292	(12071919)
402108.88	3781848.78	133.34000	(12071919)	402128.88	3781848.78	111.28615	(12071919)
402148.88	3781848.78	97.75782	(12071919)	402168.88	3781848.78	84.50710	(12121716)
402188.88	3781848.78	78.41451	(12121716)	402208.88	3781848.78	74.03550	(12121716)
402228.88	3781848.78	74.20453	(12121716)	402248.88	3781848.78	71.09090	(12121716)
402268.88	3781848.78	64.87266	(12121716)	402288.88	3781848.78	60.00082	(12121716)
402308.88	3781848.78	56.17548	(12043018)	402328.88	3781848.78	53.33250	(12043018)
402348.88	3781848.78	50.78144	(12043018)	402368.88	3781848.78	48.96168	(12043018)
402388.88	3781848.78	45.97978	(12043018)	402408.88	3781848.78	43.87989	(12043018)
402428.88	3781848.78	42.06485	(12043018)	402448.88	3781848.78	40.05781	(12043018)
402468.88	3781848.78	38.14479	(12043018)	402488.88	3781848.78	36.36992	(12043018)
402508.88	3781848.78	34.63551	(12043018)	401308.88	3781868.78	36.25750	(12033117)
401328.88	3781868.78	37.64317	(12033117)	401348.88	3781868.78	39.07012	(12033117)
401368.88	3781868.78	40.54685	(12033117)	401388.88	3781868.78	42.07676	(12033117)
401408.88	3781868.78	43.67148	(12033117)	401428.88	3781868.78	45.35130	(12033117)
401448.88	3781868.78	47.04806	(12033117)	401468.88	3781868.78	48.81715	(12033117)
401488.88	3781868.78	50.38584	(12033117)	401508.88	3781868.78	51.98975	(12033117)
401528.88	3781868.78	53.61464	(12033117)	401548.88	3781868.78	55.26149	(12033117)
401568.88	3781868.78	58.52344	(12033117)	401588.88	3781868.78	61.48831	(12033117)
401608.88	3781868.78	64.37812	(12033117)	401628.88	3781868.78	67.79663	(12033117)
401648.88	3781868.78	71.93754	(12033117)	401668.88	3781868.78	76.47803	(12033117)
401688.88	3781868.78	82.06907	(12033117)	401708.88	3781868.78	93.30896	(12033117)

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        401728.88   3781868.78       98.70348  (12033117)               401748.88
3781868.78      112.67249  (12033117)
        401768.88   3781868.78      133.01052  (12033117)               401788.88
3781868.78      182.81147  (12033117)
        401888.88   3781868.78      186.10456  (12071919)               401908.88
3781868.78      147.23304  (12071919)
        401928.88   3781868.78      130.85015  (12071919)               401948.88
3781868.78      114.31055  (12071919)
        401968.88   3781868.78      108.24789  (12071919)               401988.88
3781868.78      108.25375  (12071919)
        402008.88   3781868.78      114.20769  (12071919)               402028.88
3781868.78      118.35583  (12071919)
        402048.88   3781868.78      123.55167  (12071919)               402068.88
3781868.78      129.22409  (12071919)
        402088.88   3781868.78      128.17362  (12071919)               402108.88
3781868.78      120.40379  (12071919)
        402128.88   3781868.78      103.73188  (12071919)               402148.88
3781868.78       94.80101  (12071919)
        402168.88   3781868.78       86.24697  (12071919)               402188.88
3781868.78       77.63521  (12071919)
        402208.88   3781868.78       69.77307  (12121716)               402228.88
3781868.78       69.38450  (12121716)
        402248.88   3781868.78       68.77055  (12121716)               402268.88
3781868.78       63.65624  (12121716)
        402288.88   3781868.78       59.20280  (12121716)               402308.88
3781868.78       55.03456  (12121716)
        402328.88   3781868.78       51.26696  (12121716)               402348.88
3781868.78       48.17619  (12121716)
        402368.88   3781868.78       46.84502  (12121716)               402388.88
3781868.78       43.97341  (12121716)
        402408.88   3781868.78       42.40408  (12043018)               402428.88
3781868.78       40.75189  (12043018)
        402448.88   3781868.78       39.06608  (12043018)               402468.88
3781868.78       37.41203  (12043018)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        05:36:20

                                  PAGE 410
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402488.88	3781868.78	35.91246	(12043018)	402508.88	3781868.78	34.39579	(12043018)
401308.88	3781888.78	35.95966	(16072305)	401328.88	3781888.78	36.93914	(16072305)
401348.88	3781888.78	37.98923	(15090901)	401368.88	3781888.78	39.13326	(15090901)
401388.88	3781888.78	40.19858	(15090901)	401408.88	3781888.78	40.99901	(15090901)
401428.88	3781888.78	41.71766	(15090901)	401448.88	3781888.78	42.79691	(12033117)
401468.88	3781888.78	44.13685	(12033117)	401488.88	3781888.78	45.27872	(12033117)
401508.88	3781888.78	46.53392	(12033117)	401528.88	3781888.78	47.23768	(12033117)
401548.88	3781888.78	48.21209	(12033117)	401568.88	3781888.78	49.95699	(12033117)
401588.88	3781888.78	51.63439	(12033117)	401608.88	3781888.78	53.60672	(12033117)
401628.88	3781888.78	55.55104	(12033117)	401648.88	3781888.78	57.73929	(12033117)
401668.88	3781888.78	62.25840	(12033117)	401688.88	3781888.78	66.50280	(12033117)
401708.88	3781888.78	69.97718	(12033117)	401728.88	3781888.78	74.02364	(12033117)
401748.88	3781888.78	75.76395	(12033117)	401768.88	3781888.78	80.31540	(12101702)
401788.88	3781888.78	100.93518	(15022217)	401808.88	3781888.78	129.26688	(15022217)
401828.88	3781888.78	153.29064	(15022217)	401848.88	3781888.78	155.70461	(15022217)
401868.88	3781888.78	129.43732	(15022217)	401888.88	3781888.78	124.06452	(16020617)
401908.88	3781888.78	108.45731	(12071919)	401928.88	3781888.78	102.76813	(12071919)
401948.88	3781888.78	92.49302	(12071919)	401968.88	3781888.78	83.92412	(12071919)
401988.88	3781888.78	82.66531	(12071919)	402008.88			

3781888.78   87.72804 (12071919)
        402028.88   3781888.78   90.60612 (12071919)   402048.88
3781888.78   93.11207 (12071919)
        402068.88   3781888.78   99.02845 (12071919)   402088.88
3781888.78   102.70355 (12071919)
        402108.88   3781888.78   102.73507 (12071919)   402128.88
3781888.78   98.77025 (12071919)
        402148.88   3781888.78   90.55194 (12071919)   402168.88
3781888.78   82.66797 (12071919)
        402188.88   3781888.78   76.54856 (12071919)   402208.88
3781888.78   69.53166 (12071919)
        402228.88   3781888.78   64.18717 (12071919)   402248.88
3781888.78   64.28759 (12121716)
        402268.88   3781888.78   60.37813 (12121716)   402288.88
3781888.78   57.00472 (12121716)
        402308.88   3781888.78   53.89625 (12121716)   402328.88
3781888.78   50.98740 (12121716)
        402348.88   3781888.78   48.93314 (12121716)   402368.88
3781888.78   46.99180 (12121716)
        402388.88   3781888.78   44.32672 (12121716)   402408.88
3781888.78   41.64613 (12121716)
        402428.88   3781888.78   39.02336 (12121716)   402448.88
3781888.78   37.25472 (12043018)
        402468.88   3781888.78   35.90873 (12043018)   402488.88
3781888.78   34.63513 (12043018)
        402508.88   3781888.78   33.38997 (12043018)   401308.88
3781908.78   35.93855 (15090901)
        401328.88   3781908.78   36.84285 (15090901)   401348.88
3781908.78   37.70391 (15090901)
        401368.88   3781908.78   38.51942 (15090901)   401388.88
3781908.78   39.27759 (15090901)
        401408.88   3781908.78   40.10283 (13082905)   401428.88
3781908.78   41.13347 (13082905)
        401448.88   3781908.78   41.67976 (13082905)   401468.88
3781908.78   41.59783 (13051305)
        401488.88   3781908.78   40.90809 (12101501)   401508.88
3781908.78   40.56779 (13090406)
        401528.88   3781908.78   39.78835 (12033117)   401548.88
3781908.78   40.71077 (16102323)
        401568.88   3781908.78   42.47216 (16102323)   401588.88
3781908.78   42.91460 (15100404)
        401608.88   3781908.78   45.14665 (12083123)   401628.88
3781908.78   49.95247 (12083123)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401648.88	3781908.78	55.89874	(12081701)	401668.88	3781908.78	58.70318	(13051301)
401688.88	3781908.78	60.92002	(15092022)	401708.88	3781908.78	63.54858	(15092022)
401728.88	3781908.78	66.18456	(12101702)	401748.88	3781908.78	69.33970	(12101702)
401768.88	3781908.78	74.48817	(15103001)	401788.88	3781908.78	89.03386	(15022217)
401808.88	3781908.78	105.76775	(15022217)	401828.88	3781908.78	116.72768	(15022217)
401848.88	3781908.78	108.57522	(15022217)	401868.88	3781908.78	93.95018	(16020617)
401888.88	3781908.78	93.32509	(16020617)	401908.88	3781908.78	84.53743	(16020617)
401928.88	3781908.78	75.12846	(12071919)	401948.88	3781908.78	72.31927	(12071919)
401968.88	3781908.78	68.91562	(12071919)	401988.88	3781908.78	67.61627	(12071919)
402008.88	3781908.78	67.71431	(12071919)	402028.88	3781908.78	69.96515	(12071919)
402048.88	3781908.78	72.89783	(12071919)	402068.88	3781908.78	77.59039	(12071919)
402088.88	3781908.78	81.86565	(12071919)	402108.88	3781908.78	84.92562	(12071919)
402128.88	3781908.78	85.02316	(12071919)	402148.88	3781908.78	83.52175	(12071919)
402168.88	3781908.78	77.26976	(12071919)	402188.88	3781908.78	74.00344	(12071919)

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        402208.88   3781908.78       67.94745  (12071919)               402228.88
3781908.78       63.37609  (12071919)
        402248.88   3781908.78       59.92009  (12071919)               402268.88
3781908.78       55.98489  (12121716)
        402288.88   3781908.78       53.15769  (12121716)               402308.88
3781908.78       51.16501  (12121716)
        402328.88   3781908.78       49.11411  (12121716)               402348.88
3781908.78       47.40182  (12121716)
        402368.88   3781908.78       45.36712  (12121716)               402388.88
3781908.78       43.66449  (12121716)
        402408.88   3781908.78       41.56420  (12121716)               402428.88
3781908.78       39.37550  (12121716)
        402448.88   3781908.78       37.23513  (12121716)               402468.88
3781908.78       35.10570  (12121716)
        402488.88   3781908.78       33.05983  (12121716)               402508.88
3781908.78       31.78131  (12043018)
        401308.88   3781928.78       36.21308  (15090901)               401328.88
3781928.78       36.84370  (15090901)
        401348.88   3781928.78       37.45647  (15090901)               401368.88
3781928.78       38.30796  (13082905)
        401388.88   3781928.78       39.31497  (13082905)               401408.88
3781928.78       40.31069  (13082905)
        401428.88   3781928.78       41.02098  (13051305)               401448.88
3781928.78       41.85771  (13051305)
        401468.88   3781928.78       41.65906  (12101501)               401488.88
3781928.78       41.65162  (12101501)
        401508.88   3781928.78       39.85596  (13090406)               401528.88
3781928.78       41.06108  (16102323)
        401548.88   3781928.78       39.94845  (16102323)               401568.88
3781928.78       41.98681  (12083123)
        401588.88   3781928.78       45.34272  (12083123)               401608.88
3781928.78       50.58292  (12081701)
        401628.88   3781928.78       53.11536  (12081701)               401648.88
3781928.78       54.16765  (13051301)
        401668.88   3781928.78       56.19188  (15092022)               401688.88
3781928.78       57.79561  (15092022)
        401708.88   3781928.78       60.25859  (12101702)               401728.88
3781928.78       63.47761  (12101702)
        401748.88   3781928.78       66.75184  (15103001)               401768.88
3781928.78       70.94140  (13051302)
        401788.88   3781928.78       76.53827  (15022217)               401808.88
3781928.78       87.95319  (15022217)
        401828.88   3781928.78       92.71049  (15022217)               401848.88
3781928.78       84.04444  (15022217)
        401868.88   3781928.78       72.16874  (16123116)               401888.88
3781928.78       70.50678  (16020617)
        401908.88   3781928.78       68.19279  (16020617)               401928.88
3781928.78       63.82113  (16020617)
        401948.88   3781928.78       59.32083  (16072224)               401968.88
3781928.78       58.77845  (12093020)
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401988.88   3781928.78   57.84291 (12100219)   402008.88
3781928.78   56.73702 (16092519)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402028.88	3781928.78	56.64419	(12071820)	402048.88	3781928.78	58.51918	(12071919)
402068.88	3781928.78	62.45280	(12071919)	402088.88	3781928.78	66.05045	(12071919)
402108.88	3781928.78	69.64214	(12071919)	402128.88	3781928.78	71.78465	(12071919)
402148.88	3781928.78	72.85993	(12071919)	402168.88	3781928.78	71.26585	(12071919)
402188.88	3781928.78	68.44430	(12071919)	402208.88	3781928.78	63.84278	(12071919)
402228.88	3781928.78	62.29020	(12071919)	402248.88	3781928.78	58.64448	(12071919)
402268.88	3781928.78	52.91536	(12071919)	402288.88	3781928.78	48.32239	(12121716)
402308.88	3781928.78	47.20521	(12121716)	402328.88	3781928.78	45.57273	(12121716)
402348.88	3781928.78	43.98444	(12121716)	402368.88	3781928.78	42.25617	(12121716)
402388.88	3781928.78	41.73738	(12121716)	402408.88			

3781928.78 40.57784 (12121716)
402428.88 3781928.78 38.80958 (12121716) 402448.88
3781928.78 37.04372 (12121716)
402468.88 3781928.78 35.24792 (12121716) 402488.88
3781928.78 33.47004 (12121716)
402508.88 3781928.78 31.71553 (12121716) 401308.88
3781948.78 35.45811 (13082905)
401328.88 3781948.78 36.30435 (13082905) 401348.88
3781948.78 37.10826 (13082905)
401368.88 3781948.78 37.81636 (13082905) 401388.88
3781948.78 38.63209 (13051305)
401408.88 3781948.78 39.41834 (13051305) 401428.88
3781948.78 40.09544 (12101501)
401448.88 3781948.78 41.54789 (12101501) 401468.88
3781948.78 42.58913 (12101501)
401488.88 3781948.78 42.87780 (12101501) 401508.88
3781948.78 40.66900 (12071903)
401528.88 3781948.78 39.32917 (16102323) 401548.88
3781948.78 43.62895 (12081701)
401568.88 3781948.78 48.26481 (12081701) 401588.88
3781948.78 48.97209 (12081701)
401608.88 3781948.78 50.08211 (13051301) 401628.88
3781948.78 50.54959 (15092022)
401648.88 3781948.78 52.17592 (15092022) 401668.88
3781948.78 54.08929 (15092022)
401688.88 3781948.78 56.24758 (15092022) 401708.88
3781948.78 58.49927 (13051302)
401728.88 3781948.78 60.72143 (13051302) 401748.88
3781948.78 65.00429 (13051302)
401768.88 3781948.78 67.07648 (16102304) 401788.88
3781948.78 68.91285 (16092502)
401808.88 3781948.78 75.31976 (15022217) 401828.88
3781948.78 76.33204 (15022217)
401848.88 3781948.78 68.77219 (15022217) 401868.88
3781948.78 62.63506 (12101623)
401888.88 3781948.78 61.25342 (13111317) 401908.88
3781948.78 59.39357 (14091721)
401928.88 3781948.78 57.48655 (16072224) 401948.88
3781948.78 56.34696 (16072224)
401968.88 3781948.78 55.66683 (12093020) 401988.88
3781948.78 54.84431 (12093020)
402008.88 3781948.78 54.49791 (12100219) 402028.88
3781948.78 53.85070 (16092519)
402048.88 3781948.78 53.40956 (16072221) 402068.88
3781948.78 52.89561 (15091120)
402088.88 3781948.78 53.85166 (12071919) 402108.88
3781948.78 57.27367 (12071919)
402128.88 3781948.78 59.76409 (12071919) 402148.88
3781948.78 61.51548 (12071919)
402168.88 3781948.78 63.44279 (12071919) 402188.88

3781948.78 62.05485 (12071919)
  402208.88 3781948.78 60.58498 (12071919) 402228.88
3781948.78 58.92238 (12071919)
  402248.88 3781948.78 56.29959 (12071919) 402268.88
3781948.78 52.84884 (12071919)
  402288.88 3781948.78 48.39613 (12071919) 402308.88
3781948.78 44.22896 (12071919)
  402328.88 3781948.78 41.45470 (12121716) 402348.88
3781948.78 40.56863 (12121716)
  402368.88 3781948.78 39.24185 (12121716) 402388.88
3781948.78 38.88605 (12121716)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402408.88	3781948.78	38.73396	(12121716)	402428.88	3781948.78	37.45098	(12121716)
402448.88	3781948.78	36.09641	(12121716)	402468.88	3781948.78	34.67510	(12121716)
402488.88	3781948.78	33.19267	(12121716)	402508.88	3781948.78	31.72432	(12121716)
401308.88	3781968.78	38.61602	(14090905)	401328.88	3781968.78	39.38810	(15070205)
401348.88	3781968.78	40.33209	(13090623)	401368.88	3781968.78	41.47786	(13090623)

401388.88 3781968.78 42.47987 (13090623) 401408.88
3781968.78 43.32526 (13090623)
401428.88 3781968.78 43.94434 (13090623) 401448.88
3781968.78 43.13109 (13090706)
401468.88 3781968.78 43.23872 (13090706) 401488.88
3781968.78 44.10999 (15090806)
401508.88 3781968.78 41.40566 (15100906) 401528.88
3781968.78 43.53869 (12081701)
401548.88 3781968.78 46.79605 (12081701) 401568.88
3781968.78 47.44591 (12081701)
401588.88 3781968.78 48.12424 (13051301) 401608.88
3781968.78 48.32012 (15092022)
401628.88 3781968.78 49.96047 (15092022) 401648.88
3781968.78 52.22039 (15092022)
401668.88 3781968.78 52.44725 (15092022) 401688.88
3781968.78 54.29609 (13051302)
401708.88 3781968.78 57.65737 (13051302) 401728.88
3781968.78 61.20024 (13051302)
401748.88 3781968.78 62.02403 (12101403) 401768.88
3781968.78 63.82838 (16092502)
401788.88 3781968.78 64.02151 (12112420) 401808.88
3781968.78 63.85962 (15022217)
401828.88 3781968.78 64.54844 (15022217) 401848.88
3781968.78 58.71015 (12101804)
401868.88 3781968.78 58.36790 (12101623) 401888.88
3781968.78 57.15948 (13111317)
401908.88 3781968.78 55.33437 (14091721) 401928.88
3781968.78 54.95953 (16072224)
401948.88 3781968.78 53.50260 (13092320) 401968.88
3781968.78 52.85953 (12093020)
401988.88 3781968.78 52.17785 (12093020) 402008.88
3781968.78 51.79232 (12100219)
402028.88 3781968.78 51.51273 (12100219) 402048.88
3781968.78 51.07872 (16072221)
402068.88 3781968.78 51.04232 (16072221) 402088.88
3781968.78 50.08581 (15092101)
402108.88 3781968.78 48.83561 (12101619) 402128.88
3781968.78 49.36174 (12071919)
402148.88 3781968.78 51.87462 (12071919) 402168.88
3781968.78 55.28155 (12071919)
402188.88 3781968.78 55.46236 (12071919) 402208.88
3781968.78 55.54978 (12071919)
402228.88 3781968.78 54.57148 (12071919) 402248.88
3781968.78 53.03787 (12071919)
402268.88 3781968.78 51.00983 (12071919) 402288.88
3781968.78 48.53990 (12071919)
402308.88 3781968.78 44.86121 (12071919) 402328.88
3781968.78 40.72514 (12071919)
402348.88 3781968.78 39.14005 (12082821) 402368.88
3781968.78 38.31480 (12082821)

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        402388.88   3781968.78       37.41165  (13082821)               402408.88
3781968.78       36.13250  (12121716)
        402428.88   3781968.78       35.32661  (12121716)               402448.88
3781968.78       34.40627  (12121716)
        402468.88   3781968.78       33.39628  (12121716)               402488.88
3781968.78       32.35268  (12121716)
        402508.88   3781968.78       31.19184  (12121716)               401308.88
3781988.78       38.52016  (13090623)
        401328.88   3781988.78       39.50884  (13090623)               401348.88
3781988.78       40.35583  (13090623)
        401368.88   3781988.78       41.02614  (13090623)               401388.88
3781988.78       41.53271  (13090623)
        401408.88   3781988.78       42.16663  (13090706)               401428.88
3781988.78       43.22639  (13090706)
        401448.88   3781988.78       43.58649  (13090706)               401468.88
3781988.78       44.80335  (15090806)
        401488.88   3781988.78       44.90955  (13090603)               401508.88
3781988.78       41.73743  (12081701)
        401528.88   3781988.78       45.15115  (12081701)               401548.88
3781988.78       45.58288  (12081701)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 414
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        401568.88   3781988.78       46.41237  (13051301)               401588.88
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3781988.78 46.98254 (15092022)
401608.88 3781988.78 48.96735 (15092022) 401628.88
3781988.78 49.66260 (15092022)
401648.88 3781988.78 50.05114 (15092022) 401668.88
3781988.78 52.84194 (12090103)
401688.88 3781988.78 55.91303 (13051302) 401708.88
3781988.78 58.91494 (12092323)
401728.88 3781988.78 59.98064 (15101402) 401748.88
3781988.78 59.11064 (16092502)
401768.88 3781988.78 60.83645 (15102324) 401788.88
3781988.78 60.88095 (16081403)
401808.88 3781988.78 58.98277 (14091902) 401828.88
3781988.78 56.55289 (14091903)
401848.88 3781988.78 55.85686 (12101804) 401868.88
3781988.78 54.76989 (15120901)
401888.88 3781988.78 53.73754 (13082624) 401908.88
3781988.78 53.30874 (16072224)
401928.88 3781988.78 52.53149 (16072224) 401948.88
3781988.78 51.16305 (13092320)
401968.88 3781988.78 50.48512 (12093020) 401988.88
3781988.78 49.93931 (12093020)
402008.88 3781988.78 49.36136 (12100219) 402028.88
3781988.78 49.28533 (12100219)
402048.88 3781988.78 48.84383 (16092519) 402068.88
3781988.78 48.83748 (16072221)
402088.88 3781988.78 48.53289 (16072221) 402108.88
3781988.78 47.72936 (15090824)
402128.88 3781988.78 46.46505 (12100119) 402148.88
3781988.78 45.45182 (12092119)
402168.88 3781988.78 47.51085 (12071919) 402188.88
3781988.78 48.80057 (12071919)
402208.88 3781988.78 49.46032 (12071919) 402228.88
3781988.78 49.48925 (12071919)
402248.88 3781988.78 48.85729 (12071919) 402268.88
3781988.78 47.58291 (12071919)
402288.88 3781988.78 45.73719 (12071919) 402308.88
3781988.78 42.91926 (12071919)
402328.88 3781988.78 39.31149 (12082820) 402348.88
3781988.78 38.34849 (12080920)
402368.88 3781988.78 37.45500 (12080920) 402388.88
3781988.78 36.84214 (12082821)
402408.88 3781988.78 33.66484 (12081020) 402428.88
3781988.78 32.79482 (12081020)
402448.88 3781988.78 32.47605 (12082821) 402468.88
3781988.78 31.82959 (13082821)
402488.88 3781988.78 31.40158 (13082821) 402508.88
3781988.78 30.76979 (12080821)
401308.88 3782008.78 38.50084 (13090623) 401328.88
3782008.78 39.11872 (13090623)
401348.88 3782008.78 39.54282 (13090623) 401368.88

3782008.78   40.20009 (16100902)
        401388.88   3782008.78   41.33594 (13090706)   401408.88
3782008.78   42.30417 (13090706)
        401428.88   3782008.78   42.81679 (15090806)   401448.88
3782008.78   43.60013 (15090806)
        401468.88   3782008.78   44.84334 (13090603)   401488.88
3782008.78   44.04616 (13090603)
        401508.88   3782008.78   42.58494 (12081701)   401528.88
3782008.78   43.85327 (13051301)
        401548.88   3782008.78   44.93257 (13051301)   401568.88
3782008.78   45.57901 (15092022)
        401588.88   3782008.78   47.13983 (15092022)   401608.88
3782008.78   48.06619 (15092022)
        401628.88   3782008.78   49.47040 (15092022)   401648.88
3782008.78   52.92794 (16062005)
        401668.88   3782008.78   55.74579 (16062005)   401688.88
3782008.78   56.75430 (12092323)
        401708.88   3782008.78   57.59324 (15101402)   401728.88
3782008.78   57.30209 (12101424)
        401748.88   3782008.78   57.58444 (15102324)   401768.88
3782008.78   58.33023 (16081403)
        401788.88   3782008.78   57.99352 (15091906)   401808.88
3782008.78   55.15374 (14100506)
        401828.88   3782008.78   53.60715 (12101804)   401848.88
3782008.78   53.06756 (12101623)
        401868.88   3782008.78   53.31200 (14091422)   401888.88
3782008.78   52.51555 (13082624)
        401908.88   3782008.78   51.32352 (16072224)   401928.88
3782008.78   50.40031 (16072224)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401948.88	3782008.78	49.14826	(13092320)	401968.88	3782008.78	48.37740	(12093020)
401988.88	3782008.78	47.97584	(12093020)	402008.88	3782008.78	47.43235	(12093020)
402028.88	3782008.78	47.24824	(12100219)	402048.88	3782008.78	46.93794	(12100219)
402068.88	3782008.78	46.61643	(16072221)	402088.88	3782008.78	46.57974	(16072221)
402108.88	3782008.78	45.95909	(15092101)	402128.88	3782008.78	45.41790	(15090824)
402148.88	3782008.78	42.81467	(12101619)	402168.88	3782008.78	40.35191	(12071919)
402188.88	3782008.78	42.16871	(12071919)	402208.88	3782008.78	43.33082	(12071919)
402228.88	3782008.78	44.06526	(12071919)	402248.88	3782008.78	44.19325	(12071919)
402268.88	3782008.78	43.15788	(12071919)	402288.88	3782008.78	42.02450	(12071919)
402308.88	3782008.78	39.35547	(12071919)	402328.88	3782008.78	38.32394	(12110518)
402348.88	3782008.78	37.61876	(12082820)	402368.88	3782008.78	36.68105	(12082820)
402388.88	3782008.78	36.11697	(12080920)	402408.88	3782008.78	35.14244	(12080920)
402428.88	3782008.78	34.71790	(12082821)	402448.88	3782008.78	34.09161	(12082821)
402468.88	3782008.78	32.56544	(12082821)	402488.88	3782008.78	32.69368	(13082821)
402508.88	3782008.78	32.02184	(13082821)	401308.88	3782028.78	37.66138	(13090623)
401328.88	3782028.78	38.25125	(16100902)	401348.88	3782028.78	39.27156	(13090706)
401368.88	3782028.78	40.33878	(13090706)	401388.88	3782028.78	41.17281	(13090706)
401408.88	3782028.78	41.87567	(15090806)	401428.88	3782028.78	42.48293	(13090603)
401448.88	3782028.78	43.57854	(13090603)	401468.88	3782028.78	44.07096	(12100202)
401488.88	3782028.78	43.46845	(15092105)	401508.88	3782028.78	42.08555	(13051301)
401528.88	3782028.78	43.52683	(13090605)	401548.88	3782028.78	43.89424	(15031723)

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        401568.88   3782028.78       45.07604  (15092022)               401588.88
3782028.78       46.97963  (13090403)
        401608.88   3782028.78       50.05429  (13090403)               401628.88
3782028.78       52.35380  (16062005)
        401648.88   3782028.78       53.61477  (16062005)               401668.88
3782028.78       54.00324  (12092323)
        401688.88   3782028.78       54.64941  (14100501)               401708.88
3782028.78       55.02955  (13082602)
        401728.88   3782028.78       55.48680  (12101424)               401748.88
3782028.78       55.76836  (15102324)
        401768.88   3782028.78       56.75949  (16081403)               401788.88
3782028.78       55.90706  (15091906)
        401808.88   3782028.78       54.18200  (14091502)               401828.88
3782028.78       52.23367  (14091503)
        401848.88   3782028.78       51.68539  (14091422)               401868.88
3782028.78       51.36510  (14091422)
        401888.88   3782028.78       50.51892  (13082624)               401908.88
3782028.78       49.14900  (12101803)
        401928.88   3782028.78       48.73576  (16072224)               401948.88
3782028.78       47.72060  (13092320)
        401968.88   3782028.78       47.05555  (12093020)               401988.88
3782028.78       46.70005  (12093020)
        402008.88   3782028.78       46.05920  (12093020)               402028.88
3782028.78       45.51292  (12100219)
        402048.88   3782028.78       45.25763  (12100219)               402068.88
3782028.78       44.82277  (16092519)
        402088.88   3782028.78       44.94673  (16072221)               402108.88
3782028.78       44.75900  (16072221)
        402128.88   3782028.78       43.97478  (15092101)               402148.88
3782028.78       41.31711  (12101619)
        402168.88   3782028.78       39.20226  (12101619)               402188.88
3782028.78       38.35614  (12093019)
        402208.88   3782028.78       39.32604  (12092119)               402228.88
3782028.78       38.58579  (12071919)
        402248.88   3782028.78       39.08232  (12071919)               402268.88
3782028.78       39.21520  (12071919)
        402288.88   3782028.78       38.89949  (12081723)               402308.88
3782028.78       38.33118  (14091424)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE 416
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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```
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        402328.88   3782028.78       38.12937  (15091021)               402348.88
3782028.78       36.70424  (15091021)
        402368.88   3782028.78       35.90035  (12082820)               402388.88
3782028.78       35.59420  (12082820)
        402408.88   3782028.78       34.89247  (12082820)               402428.88
3782028.78       34.28439  (12080920)
        402448.88   3782028.78       33.58157  (12081621)               402468.88
3782028.78       32.95697  (12082821)
        402488.88   3782028.78       32.35408  (12082821)               402508.88
3782028.78       31.84460  (13082821)
        401308.88   3782048.78       37.43472  (13090706)               401328.88
3782048.78       38.35291  (13090706)
        401348.88   3782048.78       39.07435  (13090706)               401368.88
3782048.78       39.70278  (15090806)
        401388.88   3782048.78       40.29155  (15090806)               401408.88
3782048.78       41.22540  (13090603)
        401428.88   3782048.78       41.88326  (13090603)               401448.88
3782048.78       42.64892  (12100202)
        401468.88   3782048.78       43.36885  (15092105)               401488.88
3782048.78       43.12070  (15092105)
        401508.88   3782048.78       40.58409  (15062805)               401528.88
3782048.78       43.05592  (16092906)
        401548.88   3782048.78       44.49658  (13090506)               401568.88
3782048.78       45.93857  (13090506)
        401588.88   3782048.78       47.41205  (13090403)               401608.88
3782048.78       50.10074  (16062005)
        401628.88   3782048.78       50.98417  (16062005)               401648.88
3782048.78       51.44281  (12092323)
        401668.88   3782048.78       51.98342  (14100501)               401688.88
3782048.78       52.74902  (15101402)
        401708.88   3782048.78       53.77323  (12101424)               401728.88
3782048.78       53.72290  (15102324)
        401748.88   3782048.78       54.51331  (16081403)               401768.88
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3782048.78       54.01974  (15091906)
        401788.88   3782048.78       53.25091  (14100506)               401808.88
3782048.78       51.96148  (14091502)
        401828.88   3782048.78       50.88817  (14091503)               401848.88
3782048.78       50.87688  (14091422)
        401868.88   3782048.78       50.07971  (13090402)               401888.88
3782048.78       49.46934  (13082624)
        401908.88   3782048.78       47.85920  (12101803)               401928.88
3782048.78       47.26626  (16072224)
        401948.88   3782048.78       46.51137  (13092320)               401968.88
3782048.78       45.79602  (16062102)
        401988.88   3782048.78       45.52966  (12093020)               402008.88
3782048.78       44.91673  (12093020)
        402028.88   3782048.78       43.99636  (12093020)               402048.88
3782048.78       43.81376  (12100219)
        402068.88   3782048.78       43.24822  (12100219)               402088.88
3782048.78       43.02348  (12080622)
        402108.88   3782048.78       43.18853  (16072221)               402128.88
3782048.78       42.73638  (15092101)
        402148.88   3782048.78       40.27752  (15091120)               402168.88
3782048.78       37.71323  (12101619)
        402188.88   3782048.78       39.44762  (12093019)               402208.88
3782048.78       40.50791  (13090524)
        402228.88   3782048.78       38.34398  (13090524)               402248.88
3782048.78       37.34349  (13090524)
        402268.88   3782048.78       38.27001  (12080922)               402288.88
3782048.78       37.86952  (13082901)
        402308.88   3782048.78       38.45961  (12081723)               402328.88
3782048.78       37.69536  (14091424)
        402348.88   3782048.78       36.71784  (14091424)               402368.88
3782048.78       35.94796  (15091021)
        402388.88   3782048.78       34.61734  (12110518)               402408.88
3782048.78       34.16300  (12082820)
        402428.88   3782048.78       33.64183  (12082820)               402448.88
3782048.78       32.81928  (12080920)
        402468.88   3782048.78       32.40215  (12080920)               402488.88
3782048.78       31.80325  (12082821)
        402508.88   3782048.78       31.18683  (12082821)               401308.88
3782068.78       37.18757  (13090706)
        401328.88   3782068.78       37.70233  (15090806)               401348.88
3782068.78       38.27203  (15090806)
        401368.88   3782068.78       39.01463  (13090603)               401388.88
3782068.78       39.75844  (13090603)
        401408.88   3782068.78       40.29845  (12100202)               401428.88
3782068.78       41.06419  (12100202)
        401448.88   3782068.78       41.89535  (15092105)               401468.88
3782068.78       42.65571  (15092105)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401488.88	3782068.78	42.69621	(13090605)	401508.88	3782068.78	43.62356	(13062904)
401528.88	3782068.78	44.68957	(13090506)	401548.88	3782068.78	44.50330	(15092402)
401568.88	3782068.78	46.34868	(13090403)	401588.88	3782068.78	47.42243	(16062005)
401608.88	3782068.78	48.57260	(16062005)	401628.88	3782068.78	49.02603	(12092323)
401648.88	3782068.78	49.51930	(14100501)	401668.88	3782068.78	50.49074	(15101402)
401688.88	3782068.78	51.03282	(12101424)	401708.88	3782068.78	51.50277	(15102324)
401728.88	3782068.78	52.11753	(15072705)	401748.88	3782068.78	52.34018	(16081403)
401768.88	3782068.78	51.59838	(15091906)	401788.88	3782068.78	50.99382	(14091502)
401808.88	3782068.78	50.79947	(12100206)	401828.88	3782068.78	49.58909	(14091503)
401848.88	3782068.78	51.59319	(14091422)	401868.88	3782068.78	50.29972	(13090402)
401888.88	3782068.78	49.15179	(13082624)	401908.88	3782068.78	48.41990	(16072224)
401928.88	3782068.78	48.14876	(16072224)	401948.88	3782068.78	47.04407	(13092320)

401968.88 3782068.78 45.69854 (16062102) 401988.88
3782068.78 44.58835 (12093020)
402008.88 3782068.78 43.53049 (12093020) 402028.88
3782068.78 42.61809 (12093020)
402048.88 3782068.78 42.12304 (12100219) 402068.88
3782068.78 41.84775 (12100219)
402088.88 3782068.78 41.38781 (16092519) 402108.88
3782068.78 41.59800 (16072221)
402128.88 3782068.78 41.52642 (16072221) 402148.88
3782068.78 39.26194 (15091120)
402168.88 3782068.78 37.72179 (15091120) 402188.88
3782068.78 40.23212 (12100119)
402208.88 3782068.78 39.80039 (12100119) 402228.88
3782068.78 38.83725 (13090524)
402248.88 3782068.78 38.40055 (13090524) 402268.88
3782068.78 37.80402 (12080922)
402288.88 3782068.78 36.69189 (15080505) 402308.88
3782068.78 37.80317 (13082901)
402328.88 3782068.78 38.70847 (12081723) 402348.88
3782068.78 38.26364 (12091820)
402368.88 3782068.78 37.53134 (14091424) 402388.88
3782068.78 35.87830 (15091021)
402408.88 3782068.78 33.48297 (12110518) 402428.88
3782068.78 32.60014 (12082820)
402448.88 3782068.78 32.09037 (12082820) 402468.88
3782068.78 32.01814 (12082820)
402488.88 3782068.78 31.51631 (12080920) 402508.88
3782068.78 30.42850 (12081621)
401308.88 3782088.78 36.47163 (15090806) 401328.88
3782088.78 37.03125 (13090603)
401348.88 3782088.78 37.76781 (13090603) 401368.88
3782088.78 38.22939 (13090603)
401388.88 3782088.78 38.90636 (12100202) 401408.88
3782088.78 39.43998 (12100202)
401428.88 3782088.78 40.37721 (15092105) 401448.88
3782088.78 40.97737 (15092105)
401468.88 3782088.78 41.80350 (13090605) 401488.88
3782088.78 42.09199 (16092906)
401508.88 3782088.78 43.01388 (13090506) 401528.88
3782088.78 43.52180 (15092402)
401548.88 3782088.78 44.37579 (13090403) 401568.88
3782088.78 45.60748 (16062005)
401588.88 3782088.78 46.30095 (16062005) 401608.88
3782088.78 46.97302 (12092323)
401628.88 3782088.78 47.38544 (12092824) 401648.88
3782088.78 48.22367 (15101402)
401668.88 3782088.78 48.76297 (12101424) 401688.88
3782088.78 49.40963 (12101424)
401708.88 3782088.78 50.52000 (15102324) 401728.88
3782088.78 52.06120 (16081403)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401868.88	3782088.78	51.31991	(13082624)	401888.88	3782088.78	49.36151	(13082624)
401908.88	3782088.78	49.87485	(16072224)	401928.88	3782088.78	49.19862	(16072224)
401948.88	3782088.78	47.52358	(13092320)	401968.88	3782088.78	44.94698	(14072805)
401988.88	3782088.78	42.87584	(12093020)	402008.88	3782088.78	42.58837	(12093020)
402028.88	3782088.78	42.14747	(12093020)	402048.88	3782088.78	40.85591	(12100219)
402068.88	3782088.78	40.67611	(12100219)	402088.88	3782088.78	40.03356	(16092519)
402108.88	3782088.78	39.96909	(12080622)	402128.88	3782088.78	40.02759	(16072221)
402148.88	3782088.78	39.77955	(16072221)	402168.88			

3782088.78 37.45066 (15091120)
402188.88 3782088.78 38.48381 (15090824) 402208.88
3782088.78 39.44859 (12100119)
402228.88 3782088.78 39.77877 (12100119) 402248.88
3782088.78 37.50041 (13090524)
402268.88 3782088.78 36.70779 (13090524) 402288.88
3782088.78 36.23541 (12080922)
402308.88 3782088.78 36.85182 (15080505) 402328.88
3782088.78 38.87366 (13082901)
402348.88 3782088.78 39.41852 (12081723) 402368.88
3782088.78 38.27297 (12091820)
402388.88 3782088.78 36.92674 (14091424) 402408.88
3782088.78 34.57338 (15091021)
402428.88 3782088.78 32.11732 (15091021) 402448.88
3782088.78 31.41138 (12110518)
402468.88 3782088.78 31.58369 (12082820) 402488.88
3782088.78 30.66808 (12082820)
402508.88 3782088.78 30.01775 (12080920) 401308.88
3782108.78 35.97236 (13090603)
401328.88 3782108.78 36.48016 (13090603) 401348.88
3782108.78 36.96486 (12100202)
401368.88 3782108.78 37.53826 (12100202) 401388.88
3782108.78 38.16976 (15092105)
401408.88 3782108.78 38.91287 (15092105) 401428.88
3782108.78 39.63188 (13090605)
401448.88 3782108.78 40.54176 (13090605) 401468.88
3782108.78 40.85636 (16092906)
401488.88 3782108.78 41.62045 (13090506) 401508.88
3782108.78 42.16628 (15092402)
401528.88 3782108.78 43.11222 (13090403) 401548.88
3782108.78 44.01025 (16062005)
401568.88 3782108.78 44.97584 (16062005) 401588.88
3782108.78 45.58313 (12092323)
401608.88 3782108.78 45.97708 (15080404) 401628.88
3782108.78 46.98689 (15101402)
401648.88 3782108.78 47.74905 (13082602) 401668.88
3782108.78 48.59394 (12101424)
401688.88 3782108.78 50.17584 (15102324) 401708.88
3782108.78 51.67210 (15072705)
401728.88 3782108.78 52.77626 (16081403) 401748.88
3782108.78 50.47197 (15091906)
401768.88 3782108.78 48.68506 (15080504) 401788.88
3782108.78 47.37032 (14091502)
401808.88 3782108.78 50.71359 (14091503) 401828.88
3782108.78 51.98936 (14091422)
401848.88 3782108.78 51.49014 (14091422) 401868.88
3782108.78 51.61181 (13082624)
401888.88 3782108.78 49.50533 (12090223) 401908.88
3782108.78 49.68864 (16072224)
401928.88 3782108.78 48.78838 (16072224) 401948.88

3782108.78   46.59810 (13092320)
        401968.88   3782108.78   43.70790 (13092320)   401988.88
3782108.78   41.72586 (16062102)
        402008.88   3782108.78   42.95809 (12093020)   402028.88
3782108.78   41.87733 (12093020)
        402048.88   3782108.78   39.84699 (12090501)   402068.88
3782108.78   39.57225 (12100219)
        402088.88   3782108.78   39.23455 (12100219)   402108.88
3782108.78   38.69600 (15043024)
        402128.88   3782108.78   38.58533 (16072221)   402148.88
3782108.78   38.53534 (16072221)
        402168.88   3782108.78   38.26170 (15092101)   402188.88
3782108.78   35.71501 (12082121)
        402208.88   3782108.78   37.28234 (15090824)   402228.88
3782108.78   40.13115 (12100119)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        402248.88   3782108.78   39.07763 (13062822)   402268.88
3782108.78   38.16348 (13090524)
        402288.88   3782108.78   37.40826 (13090524)   402308.88
3782108.78   37.70918 (12080922)
        402328.88   3782108.78   37.63984 (15080505)   402348.88
3782108.78   38.83585 (13082901)

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        402368.88   3782108.78       38.55089  (12081723)               402388.88
3782108.78       37.05914  (12091820)
        402408.88   3782108.78       35.24064  (14091424)               402428.88
3782108.78       32.60508  (14091424)
        402448.88   3782108.78       31.16783  (15091021)               402468.88
3782108.78       30.42321  (12110518)
        402488.88   3782108.78       30.42841  (12082820)               402508.88
3782108.78       30.74085  (12082820)
        401308.88   3782128.78       35.13940  (13090603)               401328.88
3782128.78       35.80646  (12100202)
        401348.88   3782128.78       36.18550  (12100202)               401368.88
3782128.78       36.93411  (15092105)
        401388.88   3782128.78       37.46081  (15092105)               401408.88
3782128.78       38.27074  (13090605)
        401428.88   3782128.78       38.90487  (13062904)               401448.88
3782128.78       40.13256  (16092906)
        401468.88   3782128.78       40.59158  (13090506)               401488.88
3782128.78       40.98596  (15092402)
        401508.88   3782128.78       42.48395  (13090403)               401528.88
3782128.78       42.80834  (16062005)
        401548.88   3782128.78       44.63268  (13082701)               401568.88
3782128.78       46.08921  (12092323)
        401588.88   3782128.78       46.37701  (12092323)               401608.88
3782128.78       47.42923  (14100501)
        401628.88   3782128.78       47.89067  (13082602)               401648.88
3782128.78       47.94799  (12101424)
        401668.88   3782128.78       49.12795  (15102324)               401688.88
3782128.78       51.06336  (15102324)
        401708.88   3782128.78       52.15029  (16081403)               401728.88
3782128.78       52.88352  (15091906)
        401748.88   3782128.78       50.41240  (14100506)               401768.88
3782128.78       48.23466  (14091502)
        401788.88   3782128.78       46.00660  (14091502)               401808.88
3782128.78       49.38085  (14091503)
        401828.88   3782128.78       51.70618  (14091422)               401848.88
3782128.78       50.94708  (13090402)
        401868.88   3782128.78       50.74624  (13082624)               401888.88
3782128.78       49.25665  (12090223)
        401908.88   3782128.78       48.68443  (16072224)               401928.88
3782128.78       47.40986  (16072224)
        401948.88   3782128.78       45.14949  (13092320)               401968.88
3782128.78       42.13053  (13092320)
        401988.88   3782128.78       41.53214  (16062102)               402008.88
3782128.78       42.66574  (12093020)
        402028.88   3782128.78       41.59878  (12093020)               402048.88
3782128.78       39.56752  (12093020)
        402068.88   3782128.78       38.45851  (12100219)               402088.88
3782128.78       38.53137  (12100219)
        402108.88   3782128.78       37.86017  (15043024)               402128.88
3782128.78       37.47564  (12080622)
```

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        402148.88   3782128.78       37.40791  (16072221)                402168.88
3782128.78       37.16498  (16072221)
        402188.88   3782128.78       35.84144  (15092101)                402208.88
3782128.78       36.45324  (15090824)
        402228.88   3782128.78       38.76017  (12100119)                402248.88
3782128.78       39.94908  (12100119)
        402268.88   3782128.78       38.83253  (13062822)                402288.88
3782128.78       38.69794  (13090524)
        402308.88   3782128.78       38.28106  (12080922)                402328.88
3782128.78       38.28468  (12080922)
        402348.88   3782128.78       37.90815  (15080505)                402368.88
3782128.78       37.87943  (13082901)
        402388.88   3782128.78       36.75858  (12081723)                402408.88
3782128.78       34.86514  (12081723)
        402428.88   3782128.78       32.30858  (14091424)                402448.88
3782128.78       30.72527  (14091424)
        402468.88   3782128.78       30.59189  (15091021)                402488.88
3782128.78       31.85962  (12110518)
        402508.88   3782128.78       31.90015  (12110518)                401308.88
3782148.78       34.48969  (12100202)
        401328.88   3782148.78       35.07904  (15092105)                401348.88
3782148.78       35.70889  (15092105)
        401368.88   3782148.78       36.12321  (13090605)                401388.88
3782148.78       36.94024  (13090605)
 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                      ***        05:36:20

                                  PAGE 420
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
```

Y-COORD (M)   CONC   (YYMMDDHH)
- -
401408.88   3782148.78   37.59330 (13062904)   401428.88
3782148.78   38.78191 (13090506)
401448.88   3782148.78   40.11300 (13090506)   401468.88
3782148.78   40.73069 (13090403)
401488.88   3782148.78   43.85089 (13090403)   401508.88
3782148.78   44.85250 (16062005)
401528.88   3782148.78   44.81385 (16062005)   401548.88
3782148.78   46.26645 (13082701)
401568.88   3782148.78   47.92209 (12092323)   401588.88
3782148.78   48.04644 (14100501)
401608.88   3782148.78   48.91053 (15101402)   401628.88
3782148.78   49.07891 (12101424)
401648.88   3782148.78   48.85407 (15093002)   401668.88
3782148.78   49.33284 (15102324)
401688.88   3782148.78   51.67952 (15072705)   401708.88
3782148.78   52.34936 (16081403)
401728.88   3782148.78   52.01037 (15091906)   401748.88
3782148.78   49.97523 (15080504)
401768.88   3782148.78   48.69066 (14091502)   401788.88
3782148.78   46.01258 (12100206)
401808.88   3782148.78   48.52964 (15091302)   401828.88
3782148.78   50.10929 (14091422)
401848.88   3782148.78   49.90157 (13090402)   401868.88
3782148.78   49.46652 (13082624)
401888.88   3782148.78   48.18342 (12090223)   401908.88
3782148.78   47.03789 (12101803)
401928.88   3782148.78   45.45867 (16072224)   401948.88
3782148.78   42.98407 (16072224)
401968.88   3782148.78   41.48946 (13092320)   401988.88
3782148.78   42.02457 (16062102)
402008.88   3782148.78   42.25229 (12093020)   402028.88
3782148.78   41.35646 (12093020)
402048.88   3782148.78   39.42257 (12093020)   402068.88
3782148.78   38.26488 (12090501)
402088.88   3782148.78   37.81747 (12100219)   402108.88
3782148.78   37.26787 (12100219)
402128.88   3782148.78   36.58193 (15043024)   402148.88
3782148.78   36.37518 (12080622)
402168.88   3782148.78   36.15434 (16072221)   402188.88
3782148.78   35.79787 (16072221)
402208.88   3782148.78   35.16980 (12080921)   402228.88
3782148.78   37.95533 (15090824)
402248.88   3782148.78   39.16994 (12100119)   402268.88
3782148.78   39.22506 (12100119)
402288.88   3782148.78   38.56209 (15060902)   402308.88
3782148.78   38.71879 (13090524)
402328.88   3782148.78   38.24900 (12080922)   402348.88

3782148.78   37.89429 (12080922)
        402368.88   3782148.78   36.91896 (15101321)   402388.88
3782148.78   35.85398 (13082901)
        402408.88   3782148.78   34.43358 (12081723)   402428.88
3782148.78   33.06551 (12081723)
        402448.88   3782148.78   30.13960 (12091820)   402468.88
3782148.78   30.15592 (14091424)
        402488.88   3782148.78   31.86115 (15091021)   402508.88
3782148.78   32.33741 (12110518)
        401308.88   3782168.78   34.00860 (15092105)   401328.88
3782168.78   34.50006 (15092105)
        401348.88   3782168.78   35.24988 (13090605)   401368.88
3782168.78   35.89709 (13090605)
        401388.88   3782168.78   36.38586 (16092906)   401408.88
3782168.78   37.24282 (13090506)
        401428.88   3782168.78   38.26526 (13090506)   401448.88
3782168.78   38.65288 (13090403)
        401468.88   3782168.78   39.46361 (13090403)   401488.88
3782168.78   43.14973 (16062005)
        401508.88   3782168.78   45.66936 (16062005)   401528.88
3782168.78   46.13697 (13082701)
        401548.88   3782168.78   47.13987 (12092323)   401568.88
3782168.78   48.43984 (14100501)
        401588.88   3782168.78   48.94071 (15101402)   401608.88
3782168.78   49.35915 (12081906)
        401628.88   3782168.78   49.73573 (12101424)   401648.88
3782168.78   49.72888 (15102324)
        401668.88   3782168.78   49.11989 (12092605)   401688.88
3782168.78   51.26756 (16081403)
        401708.88   3782168.78   51.43859 (15091906)   401728.88
3782168.78   50.81934 (14100506)
        401748.88   3782168.78   49.27150 (14091502)   401768.88
3782168.78   47.95632 (14091502)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                                       L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                                       L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                                       L0000022   , L0000023   , L0000024   , L0000025   , L0000026

, L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
401788.88	3782168.78	45.55003	(16072404)	401808.88	3782168.78	47.29224	(15091302)
401828.88	3782168.78	48.58297	(14091422)	401848.88	3782168.78	48.32067	(13090402)
401868.88	3782168.78	47.86535	(13082624)	401888.88	3782168.78	46.49597	(12090223)
401908.88	3782168.78	45.37434	(12101803)	401928.88	3782168.78	43.60018	(16072224)
401948.88	3782168.78	41.16145	(16072224)	401968.88	3782168.78	41.50046	(13092320)
401988.88	3782168.78	41.77224	(16062102)	402008.88	3782168.78	41.60384	(12093020)
402028.88	3782168.78	40.67931	(12093020)	402048.88	3782168.78	39.71849	(12093020)
402068.88	3782168.78	38.54699	(12090501)	402088.88	3782168.78	37.09317	(12100219)
402108.88	3782168.78	36.86767	(12100219)	402128.88	3782168.78	36.06499	(15043024)
402148.88	3782168.78	35.08550	(12080622)	402168.88	3782168.78	35.55338	(16072221)
402188.88	3782168.78	35.36007	(16072221)	402208.88	3782168.78	34.41516	(15092101)
402228.88	3782168.78	36.11244	(15090824)	402248.88	3782168.78	37.40309	(15090824)
402268.88	3782168.78	38.05235	(12100119)	402288.88	3782168.78	38.09587	(12100119)
402308.88	3782168.78	37.72252	(13031319)	402328.88	3782168.78	37.74495	(13090524)
402348.88	3782168.78	37.24772	(12080922)	402368.88	3782168.78	36.55066	(12080922)
402388.88	3782168.78	35.21959	(15101321)	402408.88	3782168.78	34.46424	(13082901)
402428.88	3782168.78	32.70296	(13082901)	402448.88	3782168.78	29.99924	(12081723)
402468.88	3782168.78	29.24995	(12091820)	402488.88	3782168.78	31.21917	(14091424)
402508.88	3782168.78	32.01468	(15091021)	401308.88	3782188.78	33.30238	(15092105)

401328.88 3782188.78 34.70293 (13090605) 401348.88
3782188.78 35.01259 (13062904)
401368.88 3782188.78 36.44983 (16092906) 401388.88
3782188.78 37.04189 (13090506)
401408.88 3782188.78 37.39179 (15092402) 401428.88
3782188.78 38.09256 (13090403)
401448.88 3782188.78 38.54717 (13090403) 401468.88
3782188.78 39.02436 (16062005)
401488.88 3782188.78 40.61281 (16062005) 401508.88
3782188.78 44.28635 (13082701)
401528.88 3782188.78 46.55652 (12092323) 401548.88
3782188.78 47.13346 (12092824)
401568.88 3782188.78 48.45733 (15101402) 401588.88
3782188.78 48.74251 (12081906)
401608.88 3782188.78 49.27092 (12101424) 401628.88
3782188.78 49.46211 (15102324)
401648.88 3782188.78 49.75908 (15102324) 401668.88
3782188.78 49.41835 (15072705)
401688.88 3782188.78 50.16261 (16081403) 401708.88
3782188.78 50.03980 (15091906)
401728.88 3782188.78 49.18681 (15080504) 401748.88
3782188.78 48.35667 (14091502)
401768.88 3782188.78 46.59451 (12100206) 401788.88
3782188.78 45.31760 (14091503)
401808.88 3782188.78 45.91926 (12090123) 401828.88
3782188.78 47.08677 (14091422)
401848.88 3782188.78 46.65910 (13090402) 401868.88
3782188.78 46.20580 (13082624)
401888.88 3782188.78 44.85492 (12090223) 401908.88
3782188.78 43.96372 (12101803)
401928.88 3782188.78 42.63659 (16072224) 401948.88
3782188.78 40.62320 (16072224)
401968.88 3782188.78 40.75808 (13092320) 401988.88
3782188.78 40.92294 (14072805)
402008.88 3782188.78 40.70996 (12093020) 402028.88
3782188.78 40.18168 (12093020)
402048.88 3782188.78 39.48795 (12093020) 402068.88
3782188.78 37.83350 (12090501)
402088.88 3782188.78 36.42742 (12100219) 402108.88
3782188.78 36.81718 (12100219)
402128.88 3782188.78 35.79504 (12100219) 402148.88
3782188.78 33.94713 (15043024)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402168.88	3782188.78	34.52538	(12080622)	402188.88	3782188.78	34.21002	(16072221)
402208.88	3782188.78	33.58203	(15092101)	402228.88	3782188.78	34.45308	(12080921)
402248.88	3782188.78	35.54297	(15090824)	402268.88	3782188.78	36.09873	(15090824)
402288.88	3782188.78	36.62952	(12100119)	402308.88	3782188.78	36.70401	(13062822)
402328.88	3782188.78	36.54682	(13031319)	402348.88	3782188.78	36.58720	(13090524)
402368.88	3782188.78	35.96343	(12080922)	402388.88	3782188.78	35.15225	(12080922)
402408.88	3782188.78	33.82622	(15101321)	402428.88	3782188.78	32.07983	(15080505)
402448.88	3782188.78	30.34157	(13082901)	402468.88	3782188.78	29.21407	(12081723)
402488.88	3782188.78	30.81176	(12091820)	402508.88	3782188.78	31.51768	(14091424)
401308.88	3782208.78	33.52317	(13090605)	401328.88	3782208.78	34.36974	(13062904)
401348.88	3782208.78	35.86105	(16092906)	401368.88	3782208.78	36.96129	(13090506)
401388.88	3782208.78	38.20314	(15092402)	401408.88	3782208.78	38.81499	(13090403)
401428.88	3782208.78	39.37291	(13090403)	401448.88	3782208.78	40.21190	(16062005)
401468.88	3782208.78	40.41086	(16062005)	401488.88	3782208.78	39.68236	(13082701)
401508.88	3782208.78	42.49136	(12092323)	401528.88			

3782208.78 45.02458 (12092824)
401548.88 3782208.78 46.79364 (14100501) 401568.88
3782208.78 47.62082 (12081906)
401588.88 3782208.78 47.95867 (12101424) 401608.88
3782208.78 48.28106 (15093002)
401628.88 3782208.78 48.58984 (15102324) 401648.88
3782208.78 48.42284 (12111623)
401668.88 3782208.78 48.47451 (16081403) 401688.88
3782208.78 48.63249 (15091906)
401708.88 3782208.78 48.38915 (14100506) 401728.88
3782208.78 47.50967 (15080504)
401748.88 3782208.78 46.84740 (14091502) 401768.88
3782208.78 45.30500 (12100206)
401788.88 3782208.78 44.51933 (14091503) 401808.88
3782208.78 44.92598 (12091605)
401828.88 3782208.78 45.62072 (14091422) 401848.88
3782208.78 45.17348 (13090402)
401868.88 3782208.78 44.68767 (13082624) 401888.88
3782208.78 43.46030 (12090223)
401908.88 3782208.78 42.63552 (12101803) 401928.88
3782208.78 41.18161 (16072224)
401948.88 3782208.78 39.77509 (16072224) 401968.88
3782208.78 40.12722 (13092320)
401988.88 3782208.78 40.02502 (14072805) 402008.88
3782208.78 39.75021 (16062102)
402028.88 3782208.78 39.28279 (12093020) 402048.88
3782208.78 38.34754 (12093020)
402068.88 3782208.78 36.74725 (12093020) 402088.88
3782208.78 36.51063 (12090501)
402108.88 3782208.78 36.57946 (12100219) 402128.88
3782208.78 34.80453 (12100219)
402148.88 3782208.78 33.38355 (15043024) 402168.88
3782208.78 33.01844 (12080622)
402188.88 3782208.78 33.52118 (16072221) 402208.88
3782208.78 32.95208 (16072221)
402228.88 3782208.78 33.11463 (15092101) 402248.88
3782208.78 33.79074 (12080921)
402268.88 3782208.78 35.12318 (15090824) 402288.88
3782208.78 35.60023 (12100119)
402308.88 3782208.78 36.09007 (12100119) 402328.88
3782208.78 35.79357 (13062822)
402348.88 3782208.78 35.53972 (13031319) 402368.88
3782208.78 35.36168 (13090524)
402388.88 3782208.78 34.54850 (12080922) 402408.88
3782208.78 33.48684 (12080922)
402428.88 3782208.78 32.05150 (13052822) 402448.88
3782208.78 30.09509 (15080505)
402468.88 3782208.78 28.73226 (13082901) 402488.88
3782208.78 30.16330 (12081723)
402508.88 3782208.78 30.72570 (12091820) 402116.08

3781609.34   175.61097 (12031616)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
INCLUDING SOURCE(S):   L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
L0000006   , L0000007   , L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
L0000014   , L0000015   , L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
L0000022   , L0000023   , L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
402111.58	3781631.84	232.06974	(12031616)	402072.78	3781724.63	269.63612	(12043018)
402058.72	3781776.93	268.27641	(12121716)	402061.53	3781812.92	249.24613	(12121716)
402065.47	3781834.86	197.19122	(12071919)	401913.06	3781829.79	243.94400	(12071919)
401870.32	3781887.16	133.56634	(16093007)	401788.78	3781884.91	105.35544	(15022217)
401791.03	3781611.59	122.96351	(12111715)				

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
EQUIP	1ST HIGHEST VALUE IS	96.04156 AT	(401913.06, 3781829.79, 361.98, 1259.18, 0.00)	DC	
	2ND HIGHEST VALUE IS	76.52951 AT	(402072.78, 3781724.63, 352.43, 1259.18, 0.00)	DC	
	3RD HIGHEST VALUE IS	72.25749 AT	(402058.72, 3781776.93, 357.55, 1259.18, 0.00)	DC	
	4TH HIGHEST VALUE IS	70.01402 AT	(401788.88, 3781728.78, 351.72, 1259.18, 0.00)	DC	
	5TH HIGHEST VALUE IS	69.84606 AT	(401908.88, 3781608.78, 338.68, 1259.18, 0.00)	DC	
	6TH HIGHEST VALUE IS	69.70991 AT	(401788.88, 3781748.78, 353.98, 1259.18, 0.00)	DC	
	7TH HIGHEST VALUE IS	69.51135 AT	(402068.88, 3781748.78, 354.49, 1259.18, 0.00)	DC	
	8TH HIGHEST VALUE IS	69.36937 AT	(401788.88, 3781708.78, 349.83, 1259.18, 0.00)	DC	
	9TH HIGHEST VALUE IS	69.04297 AT	(401788.88, 3781768.78, 355.82, 1259.18, 0.00)	DC	
	10TH HIGHEST VALUE IS	68.96389 AT	(401928.88, 3781608.78, 337.68, 1259.18, 0.00)	DC	
TRUCK	1ST HIGHEST VALUE IS	56.95106 AT	(402248.88, 3781608.78, 334.14, 1259.18, 0.00)	DC	
	2ND HIGHEST VALUE IS	53.80921 AT	(402148.88, 3781608.78, 336.71, 1259.18, 0.00)	DC	
	3RD HIGHEST VALUE IS	53.51061 AT	(402128.88, 3781628.78, 338.90, 1259.18, 0.00)	DC	
	4TH HIGHEST VALUE IS	50.92942 AT	(402288.88, 3781588.78, 331.55, 1259.18, 0.00)	DC	
	5TH HIGHEST VALUE IS	49.77567 AT	(402408.88, 3781588.78, 334.84, 1259.18, 0.00)	DC	
	6TH HIGHEST VALUE IS	49.16473 AT	(402308.88, 3781588.78, 332.88, 1259.18, 0.00)	DC	
	7TH HIGHEST VALUE IS	48.88252 AT	(403013.16, 3781577.57, 322.64, 1259.18, 0.00)	DC	
	8TH HIGHEST VALUE IS	48.71139 AT	(402208.88, 3781608.78, 335.01, 1259.18, 0.00)	DC	
	9TH HIGHEST VALUE IS	48.70245 AT	(402368.88, 3781588.78, 332.94,		

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 1259.18,    0.00)  DC
        10TH HIGHEST VALUE IS      48.67236 AT (  402348.88,  3781588.78,   332.69,
 1259.18,    0.00)  DC

ALL       1ST HIGHEST VALUE IS      98.99179 AT (  402088.88,  3781688.78,   346.54,
 1259.18,    0.00)  DC
         2ND HIGHEST VALUE IS      96.88336 AT (  401913.06,  3781829.79,   361.98,
 1259.18,    0.00)  DC
         3RD HIGHEST VALUE IS      88.39136 AT (  402108.88,  3781648.78,   341.37,
 1259.18,    0.00)  DC
         4TH HIGHEST VALUE IS      84.72431 AT (  402111.58,  3781631.84,   339.52,
 1259.18,    0.00)  DC
         5TH HIGHEST VALUE IS      83.23396 AT (  402108.88,  3781668.78,   343.10,
 1259.18,    0.00)  DC
         6TH HIGHEST VALUE IS      82.76237 AT (  402072.78,  3781724.63,   352.43,
 1259.18,    0.00)  DC
         7TH HIGHEST VALUE IS      80.41458 AT (  402128.88,  3781628.78,   338.90,
 1259.18,    0.00)  DC
         8TH HIGHEST VALUE IS      75.14474 AT (  402088.88,  3781708.78,   349.61,
 1259.18,    0.00)  DC
         9TH HIGHEST VALUE IS      74.29350 AT (  402058.72,  3781776.93,   357.55,
 1259.18,    0.00)  DC
        10TH HIGHEST VALUE IS      72.81071 AT (  402068.88,  3781748.78,   354.49,
 1259.18,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                   PAGE 425
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
             **

                                                      DATE
                                          NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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EQUIP   HIGH   1ST HIGH VALUE IS   268.25186 ON 12033117: AT (401788.88,
3781728.78,   351.72, 1259.18,   0.00) DC

TRUCK   HIGH   1ST HIGH VALUE IS   153.78453 ON 12033117: AT (402111.58,
3781631.84,   339.52, 1259.18,   0.00) DC

ALL   HIGH   1ST HIGH VALUE IS   281.04101 ON 12033117: AT (401788.88,
3781728.78,   351.72, 1259.18,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   2 Warning Message(s)
 A Total of   1684 Informational Message(s)

 A Total of   43848 Hours Were Processed

 A Total of   75 Calm Hours Identified

 A Total of   1609 Missing Hours Identified (3.67 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 ME W186   3438   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187   3438   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

    ****

*** AERMOD Finishes Successfully ***
****

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 *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***       04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for  1518 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9818605.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
         1. Stack-tip Downwash.
         2. Model Accounts for ELEVated Terrain Effects.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.
         6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
         ADJ_U*   - Use ADJ_U* option for SBL in AERMET
         TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:   1518 Source(s);       3 Source Group(s); and    4009
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   1518 VOLUME source(s)
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                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with      0 line(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   182.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                 ;
Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      5.0 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Meadows at Sierra Madre.err

 **File for Summary of Results:   Meadows at Sierra Madre.sum

↟ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

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           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\AzusaADJU\AZUS_V9_ADJU\AZUS_v9.SFC
Met Version: 16216
Profile file: ..\AzusaADJU\AZUS_V9_ADJU\AZUS_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3179 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-21.3	0.224	-9.000	-9.000	-999.	255.	55.3	0.36	1.68	1.00	1.80	20.	9.1	293.1	5.5
12	01	01	1	02	-32.6	0.342	-9.000	-9.000	-999.	481.	128.9	0.36	1.68	1.00	2.70	99.	9.1	293.1	5.5
12	01	01	1	03	-26.4	0.277	-9.000	-9.000	-999.	351.	84.1	0.36	1.68	1.00	2.20	14.	9.1	292.0	5.5
12	01	01	1	04	-32.6	0.342	-9.000	-9.000	-999.	480.	128.9	0.36	1.68	1.00	2.70	10.	9.1	292.5	5.5
12	01	01	1	05	-26.4	0.277	-9.000	-9.000	-999.	351.	84.1	0.36	1.68	1.00	2.20	12.	9.1	292.5	5.5
12	01	01	1	06	-21.6	0.224	-9.000	-9.000	-999.	256.	55.2	0.36	1.68	1.00	1.80	118.	9.1	289.2	5.5
12	01	01	1	07	-26.6	0.277	-9.000	-9.000	-999.	349.	84.1	0.36	1.68	1.00	2.20	64.	9.1	290.9	5.5
12	01	01	1	08	-1.3	0.062	-9.000	-9.000	-999.	124.	16.5	0.36	1.68	0.55	0.40	36.	9.1	290.9	5.5
12	01	01	1	09	38.1	0.160	0.348	0.008	39.	153.	-9.5	0.36	1.68	0.32	0.90	124.	9.1	293.8	5.5
12	01	01	1	10	99.5	0.179	0.693	0.007	119.	181.	-5.1	0.36	1.68	0.25	0.90	21.	9.1	298.1	5.5
12	01	01	1	11	142.6	0.494	1.086	0.005	321.	832.	-75.2	0.36	1.68	0.22	3.60	141.	9.1	299.9	5.5
12	01	01	1	12	162.8	0.442	1.385	0.005	582.	709.	-47.3	0.36	1.68	0.21	3.10	122.	9.1	299.9	5.5
12	01	01	1	13	164.4	0.298	1.634	0.005	946.	405.	-14.3	0.36	1.68	0.21	1.80	114.	9.1	300.9	5.5
12	01	01	1	14	142.7	0.293	1.718	0.005	1265.	382.	-15.8	0.36	1.68	0.22	1.80	93.	9.1	302.5	5.5
12	01	01	1	15	96.7	0.283	1.575	0.005	1438.	361.	-20.7	0.36	1.68	0.26	1.80	110.	9.1	303.8	5.5
12	01	01	1	16	41.5	0.207	1.201	0.005	1485.	228.	-18.9	0.36	1.68	0.35	1.30	113.	9.1	304.2	5.5
12	01	01	1	17	-37.8	0.464	-9.000	-9.000	-999.	757.	236.3	0.36	1.68	0.62	3.60	251.	9.1	300.9	5.5
12	01	01	1	18	-26.1	0.277	-9.000	-9.000	-999.	379.	84.2	0.36	1.68	1.00	2.20	8.	9.1	296.4	5.5
12	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.36	1.68	1.00	999.00	999.	-9.0	295.9	5.5
12	01	01	1	20	-5.7	0.107	-9.000	-9.000	-999.	84.	19.3	0.36	1.68	1.00	0.90	35.	9.1	295.4	5.5

```
 12 01 01   1 21  -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
1.00    1.80  213.    9.1  293.8    5.5
 12 01 01   1 22  -21.3  0.224 -9.000 -9.000 -999.  255.     55.3  0.36   1.68
1.00    1.80   52.    9.1  293.8    5.5
 12 01 01   1 23  -26.3  0.277 -9.000 -9.000 -999.  349.     84.2  0.36   1.68
1.00    2.20   58.    9.1  293.8    5.5
 12 01 01   1 24  -21.4  0.224 -9.000 -9.000 -999.  256.     55.3  0.36   1.68
1.00    1.80   83.    9.1  292.5    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   293.2   99.0  -99.00  -99.00
 12 01 01 01    9.1 1   20.    1.80  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION  19191 ***   *** F:\Lakes\Meadows at Sierra Madre\Meadows at
Sierra Madre\Meadows at  ***        04/07/21
 *** AERMET - VERSION  16216 ***   ***
                       ***        05:36:20

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** THE SUMMARY OF MAXIMUM PERIOD ( 43848
HRS) RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
             **


                      NETWORK
GROUP ID                     AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

EQUIP     1ST HIGHEST VALUE IS      96.04156 AT (  401913.06,  3781829.79,   361.98,
 1259.18,    0.00)  DC
          2ND HIGHEST VALUE IS      76.52951 AT (  402072.78,  3781724.63,   352.43,
 1259.18,    0.00)  DC
          3RD HIGHEST VALUE IS      72.25749 AT (  402058.72,  3781776.93,   357.55,
 1259.18,    0.00)  DC
          4TH HIGHEST VALUE IS      70.01402 AT (  401788.88,  3781728.78,   351.72,
 1259.18,    0.00)  DC
          5TH HIGHEST VALUE IS      69.84606 AT (  401908.88,  3781608.78,   338.68,
 1259.18,    0.00)  DC
          6TH HIGHEST VALUE IS      69.70991 AT (  401788.88,  3781748.78,   353.98,
 1259.18,    0.00)  DC
```

```
          7TH HIGHEST VALUE IS      69.51135 AT (  402068.88,  3781748.78,   354.49,
 1259.18,    0.00)  DC
          8TH HIGHEST VALUE IS      69.36937 AT (  401788.88,  3781708.78,   349.83,
 1259.18,    0.00)  DC
          9TH HIGHEST VALUE IS      69.04297 AT (  401788.88,  3781768.78,   355.82,
 1259.18,    0.00)  DC
         10TH HIGHEST VALUE IS      68.96389 AT (  401928.88,  3781608.78,   337.68,
 1259.18,    0.00)  DC

TRUCK     1ST HIGHEST VALUE IS      56.95106 AT (  402248.88,  3781608.78,   334.14,
 1259.18,    0.00)  DC
          2ND HIGHEST VALUE IS      53.80921 AT (  402148.88,  3781608.78,   336.71,
 1259.18,    0.00)  DC
          3RD HIGHEST VALUE IS      53.51061 AT (  402128.88,  3781628.78,   338.90,
 1259.18,    0.00)  DC
          4TH HIGHEST VALUE IS      50.92942 AT (  402288.88,  3781588.78,   331.55,
 1259.18,    0.00)  DC
          5TH HIGHEST VALUE IS      49.77567 AT (  402408.88,  3781588.78,   334.84,
 1259.18,    0.00)  DC
          6TH HIGHEST VALUE IS      49.16473 AT (  402308.88,  3781588.78,   332.88,
 1259.18,    0.00)  DC
          7TH HIGHEST VALUE IS      48.88252 AT (  403013.16,  3781577.57,   322.64,
 1259.18,    0.00)  DC
          8TH HIGHEST VALUE IS      48.71139 AT (  402208.88,  3781608.78,   335.01,
 1259.18,    0.00)  DC
          9TH HIGHEST VALUE IS      48.70245 AT (  402368.88,  3781588.78,   332.94,
 1259.18,    0.00)  DC
         10TH HIGHEST VALUE IS      48.67236 AT (  402348.88,  3781588.78,   332.69,
 1259.18,    0.00)  DC

ALL       1ST HIGHEST VALUE IS      98.99179 AT (  402088.88,  3781688.78,   346.54,
 1259.18,    0.00)  DC
          2ND HIGHEST VALUE IS      96.88336 AT (  401913.06,  3781829.79,   361.98,
 1259.18,    0.00)  DC
          3RD HIGHEST VALUE IS      88.39136 AT (  402108.88,  3781648.78,   341.37,
 1259.18,    0.00)  DC
          4TH HIGHEST VALUE IS      84.72431 AT (  402111.58,  3781631.84,   339.52,
 1259.18,    0.00)  DC
          5TH HIGHEST VALUE IS      83.23396 AT (  402108.88,  3781668.78,   343.10,
 1259.18,    0.00)  DC
          6TH HIGHEST VALUE IS      82.76237 AT (  402072.78,  3781724.63,   352.43,
 1259.18,    0.00)  DC
          7TH HIGHEST VALUE IS      80.41458 AT (  402128.88,  3781628.78,   338.90,
 1259.18,    0.00)  DC
          8TH HIGHEST VALUE IS      75.14474 AT (  402088.88,  3781708.78,   349.61,
 1259.18,    0.00)  DC
          9TH HIGHEST VALUE IS      74.29350 AT (  402058.72,  3781776.93,   357.55,
 1259.18,    0.00)  DC
         10TH HIGHEST VALUE IS      72.81071 AT (  402068.88,  3781748.78,   354.49,
 1259.18,    0.00)  DC
```

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
EQUIP	1ST HIGH VALUE IS	268.25186	ON 12033117: AT (401788.88, 3781728.78, 351.72, 1259.18, 0.00)	DC	
TRUCK	1ST HIGH VALUE IS	153.78453	ON 12033117: AT (402111.58, 3781631.84, 339.52, 1259.18, 0.00)	DC	
ALL	1ST HIGH VALUE IS	281.04101	ON 12033117: AT (401788.88, 3781728.78, 351.72, 1259.18, 0.00)	DC	

```
*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            2 Warning Message(s)
A Total of         1684 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of           75 Calm Hours Identified

A Total of         1609 Missing Hours Identified (  3.67 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W186    3438       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187    3438       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

HARP2 - HRACalc (dated 21081) 4/8/2021 9:23:31 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1.333333

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.333333
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS HARP\hra\Res-UnmitCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS HARP\hra\Res-UnmitCancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS HARP\hra\Res-UnmitNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS HARP\hra\Res-UnmitNCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS HARP\hra\Res-UnmitNCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS HARP\hra\Res-UnmitNCAcuteRiskSumByRec.csv
HRA ran successfully

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_R	EGG_RISK
1	ALL		399068	3778942	1.01E-07	1.333333Y	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		399349.8	3778942	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		399631.6	3778942	1.17E-07	1.333333Y	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		399913.4	3778942	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		400195.2	3778942	1.37E-07	1.333333Y	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		400477	3778942	1.46E-07	1.333333Y	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		400758.8	3778942	1.55E-07	1.333333Y	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		401040.6	3778942	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		401322.4	3778942	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		401604.2	3778942	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		401886	3778942	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		402167.8	3778942	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		402449.6	3778942	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		402731.4	3778942	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		403013.2	3778942	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		403295	3778942	1.49E-07	1.333333Y	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		403576.8	3778942	1.37E-07	1.333333Y	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		403858.6	3778942	1.26E-07	1.333333Y	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		404140.4	3778942	1.15E-07	1.333333Y	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		404422.2	3778942	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		404704	3778942	9.83E-08	1.333333Y	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		399068	3779206	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		399349.8	3779206	1.18E-07	1.333333Y	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		399631.6	3779206	1.28E-07	1.333333Y	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		399913.4	3779206	1.40E-07	1.333333Y	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		400195.2	3779206	1.52E-07	1.333333Y	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		400477	3779206	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		400758.8	3779206	1.76E-07	1.333333Y	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		401040.6	3779206	1.86E-07	1.333333Y	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		401322.4	3779206	1.96E-07	1.333333Y	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		401604.2	3779206	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		401886	3779206	2.02E-07	1.333333Y	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		402167.8	3779206	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		402449.6	3779206	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		402731.4	3779206	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		403013.2	3779206	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		403295	3779206	1.75E-07	1.333333Y	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		403576.8	3779206	1.57E-07	1.333333Y	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		403858.6	3779206	1.41E-07	1.333333Y	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		404140.4	3779206	1.28E-07	1.333333Y	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		404422.2	3779206	1.16E-07	1.333333Y	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		404704	3779206	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		399068	3779469	1.17E-07	1.333333Y	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		399349.8	3779469	1.28E-07	1.333333Y	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		399631.6	3779469	1.40E-07	1.333333Y	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		399913.4	3779469	1.55E-07	1.333333Y	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		400195.2	3779469	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		400477	3779469	1.86E-07	1.333333Y	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		400758.8	3779469	2.02E-07	1.333333Y	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		401040.6	3779469	2.19E-07	1.333333Y	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		401322.4	3779469	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		401604.2	3779469	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		401886	3779469	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		402167.8	3779469	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		402449.6	3779469	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		402731.4	3779469	2.77E-07	1.333333Y	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		403013.2	3779469	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		403295	3779469	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		403576.8	3779469	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		403858.6	3779469	1.59E-07	1.333333Y	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		404140.4	3779469	1.42E-07	1.333333Y	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		404422.2	3779469	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		404704	3779469	1.15E-07	1.333333Y	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		399068	3779733	1.26E-07	1.333333Y	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		399349.8	3779733	1.38E-07	1.333333Y	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		399631.6	3779733	1.53E-07	1.333333Y	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		399913.4	3779733	1.71E-07	1.333333Y	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		400195.2	3779733	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		400477	3779733	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		400758.8	3779733	2.40E-07	1.333333Y	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		401040.6	3779733	2.60E-07	1.333333Y	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		401322.4	3779733	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		401604.2	3779733	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		401886	3779733	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		402167.8	3779733	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		402449.6	3779733	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		402731.4	3779733	3.24E-07	1.333333Y	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		403013.2	3779733	3.78E-07	1.333333Y	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		403295	3779733	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		403576.8	3779733	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		403858.6	3779733	1.78E-07	1.333333Y	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		404140.4	3779733	1.56E-07	1.333333Y	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		404422.2	3779733	1.39E-07	1.333333Y	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		404704	3779733	1.24E-07	1.333333Y	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		399068	3779996	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		399349.8	3779996	1.50E-07	1.333333Y	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		399631.6	3779996	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		399913.4	3779996	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		400195.2	3779996	2.15E-07	1.333333Y	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		400477	3779996	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

91	ALL	400758.8	3779996	2.84E-07	1.333333Y	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	401040.6	3779996	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	401322.4	3779996	3.43E-07	1.333333Y	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	401604.2	3779996	3.65E-07	1.333333Y	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	401886	3779996	3.75E-07	1.333333Y	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	402167.8	3779996	3.72E-07	1.333333Y	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	402449.6	3779996	3.62E-07	1.333333Y	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	402731.4	3779996	3.76E-07	1.333333Y	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	403013.2	3779996	4.53E-07	1.333333Y	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	403295	3779996	2.86E-07	1.333333Y	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	403576.8	3779996	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	403858.6	3779996	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	404140.4	3779996	1.73E-07	1.333333Y	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	404422.2	3779996	1.51E-07	1.333333Y	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	404704	3779996	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	399068	3780260	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	399349.8	3780260	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	399631.6	3780260	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	399913.4	3780260	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	400195.2	3780260	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	400477	3780260	2.92E-07	1.333333Y	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	400758.8	3780260	3.39E-07	1.333333Y	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	401040.6	3780260	3.88E-07	1.333333Y	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	401322.4	3780260	4.37E-07	1.333333Y	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	401604.2	3780260	4.74E-07	1.333333Y	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	401886	3780260	4.90E-07	1.333333Y	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	402167.8	3780260	4.81E-07	1.333333Y	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	402449.6	3780260	4.56E-07	1.333333Y	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	402731.4	3780260	4.46E-07	1.333333Y	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	403013.2	3780260	5.48E-07	1.333333Y	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	403295	3780260	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	403576.8	3780260	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	403858.6	3780260	2.23E-07	1.333333Y	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	404140.4	3780260	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	404422.2	3780260	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	404704	3780260	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	399068	3780523	1.53E-07	1.333333Y	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	399349.8	3780523	1.73E-07	1.333333Y	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	399631.6	3780523	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	399913.4	3780523	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	400195.2	3780523	2.77E-07	1.333333Y	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	400477	3780523	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	400758.8	3780523	4.10E-07	1.333333Y	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	401040.6	3780523	4.91E-07	1.333333Y	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	401322.4	3780523	5.77E-07	1.333333Y	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	401604.2	3780523	6.51E-07	1.333333Y	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	401886	3780523	6.81E-07	1.333333Y	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	402167.8	3780523	6.58E-07	1.333333Y	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	402449.6	3780523	6.00E-07	1.333333Y	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	402731.4	3780523	5.49E-07	1.333333Y	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	403013.2	3780523	6.84E-07	1.333333Y	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	403295	3780523	3.84E-07	1.333333Y	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	403576.8	3780523	3.03E-07	1.333333Y	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	403858.6	3780523	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	404140.4	3780523	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	404422.2	3780523	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	404704	3780523	1.54E-07	1.333333Y	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	399068	3780787	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	399349.8	3780787	1.84E-07	1.333333Y	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	399631.6	3780787	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	399913.4	3780787	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	400195.2	3780787	3.10E-07	1.333333Y	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	400477	3780787	3.90E-07	1.333333Y	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	400758.8	3780787	5.02E-07	1.333333Y	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	401040.6	3780787	6.37E-07	1.333333Y	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	401322.4	3780787	8.05E-07	1.333333Y	8.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	401604.2	3780787	9.63E-07	1.333333Y	9.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	401886	3780787	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	402167.8	3780787	9.70E-07	1.333333Y	9.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	402449.6	3780787	8.36E-07	1.333333Y	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	402731.4	3780787	6.98E-07	1.333333Y	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	403013.2	3780787	8.78E-07	1.333333Y	8.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	403295	3780787	4.46E-07	1.333333Y	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	403576.8	3780787	3.43E-07	1.333333Y	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	403858.6	3780787	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	404140.4	3780787	2.26E-07	1.333333Y	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	404422.2	3780787	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	404704	3780787	1.66E-07	1.333333Y	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	399068	3781050	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	399349.8	3781050	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	399631.6	3781050	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	399913.4	3781050	2.71E-07	1.333333Y	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	400195.2	3781050	3.43E-07	1.333333Y	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	400477	3781050	4.52E-07	1.333333Y	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	400758.8	3781050	6.13E-07	1.333333Y	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	401040.6	3781050	8.41E-07	1.333333Y	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	401322.4	3781050	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	401604.2	3781050	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	401886	3781050	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	402167.8	3781050	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	402449.6	3781050	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

182	ALL	402731.4	3781050	9.18E-07	1.333333Y	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	403013.2	3781050	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	403295	3781050	5.21E-07	1.333333Y	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	403576.8	3781050	3.87E-07	1.333333Y	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	403858.6	3781050	3.03E-07	1.333333Y	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	404140.4	3781050	2.45E-07	1.333333Y	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	404422.2	3781050	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	404704	3781050	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	399068	3781314	1.75E-07	1.333333Y	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	399349.8	3781314	2.02E-07	1.333333Y	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	399631.6	3781314	2.40E-07	1.333333Y	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	399913.4	3781314	3.02E-07	1.333333Y	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	400195.2	3781314	4.02E-07	1.333333Y	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	400477	3781314	5.14E-07	1.333333Y	5.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	400758.8	3781314	7.30E-07	1.333333Y	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	401040.6	3781314	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	401322.4	3781314	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	401604.2	3781314	3.03E-06	1.333333Y	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	401886	3781314	4.26E-06	1.333333Y	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	402167.8	3781314	3.39E-06	1.333333Y	3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	402449.6	3781314	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	402731.4	3781314	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	403013.2	3781314	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	403295	3781314	6.02E-07	1.333333Y	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	403576.8	3781314	4.30E-07	1.333333Y	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	403858.6	3781314	3.29E-07	1.333333Y	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	404140.4	3781314	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	404422.2	3781314	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	404704	3781314	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	399068	3781578	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	399349.8	3781578	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	399631.6	3781578	2.54E-07	1.333333Y	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	399913.4	3781578	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	400195.2	3781578	4.29E-07	1.333333Y	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	400477	3781578	5.72E-07	1.333333Y	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	400758.8	3781578	8.12E-07	1.333333Y	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	401040.6	3781578	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	401322.4	3781578	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	401604.2	3781578	6.52E-06	1.333333Y	6.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	401886	3781578	2.96E-05	1.333333Y	2.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	402167.8	3781578	1.12E-05	1.333333Y	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	402449.6	3781578	4.10E-06	1.333333Y	4.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	402731.4	3781578	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	403013.2	3781578	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	403295	3781578	6.76E-07	1.333333Y	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	403576.8	3781578	4.79E-07	1.333333Y	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	403858.6	3781578	3.82E-07	1.333333Y	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	404140.4	3781578	2.89E-07	1.333333Y	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	404422.2	3781578	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	404704	3781578	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	399068	3781841	1.78E-07	1.333333Y	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	399349.8	3781841	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	399631.6	3781841	2.73E-07	1.333333Y	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	399913.4	3781841	3.37E-07	1.333333Y	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	400195.2	3781841	4.38E-07	1.333333Y	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	400477	3781841	5.76E-07	1.333333Y	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	400758.8	3781841	8.27E-07	1.333333Y	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	401040.6	3781841	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	401322.4	3781841	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	401604.2	3781841	5.95E-06	1.333333Y	5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	402167.8	3781841	1.26E-05	1.333333Y	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	402449.6	3781841	4.47E-06	1.333333Y	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	402731.4	3781841	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	403013.2	3781841	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	403295	3781841	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	403576.8	3781841	7.73E-07	1.333333Y	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	403858.6	3781841	3.85E-07	1.333333Y	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	404140.4	3781841	3.17E-07	1.333333Y	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	404422.2	3781841	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	404704	3781841	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	399068	3782105	1.78E-07	1.333333Y	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	399349.8	3782105	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	399631.6	3782105	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	399913.4	3782105	3.13E-07	1.333333Y	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	400195.2	3782105	3.47E-07	1.333333Y	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	400477	3782105	3.96E-07	1.333333Y	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	400758.8	3782105	6.97E-07	1.333333Y	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	401040.6	3782105	6.37E-07	1.333333Y	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	401322.4	3782105	7.68E-07	1.333333Y	7.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	401604.2	3782105	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	401886	3782105	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	402167.8	3782105	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	402449.6	3782105	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	402731.4	3782105	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	403013.2	3782105	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	403295	3782105	9.79E-07	1.333333Y	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	403576.8	3782105	7.30E-07	1.333333Y	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	403858.6	3782105	3.95E-07	1.333333Y	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	404140.4	3782105	4.41E-07	1.333333Y	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	404422.2	3782105	3.55E-07	1.333333Y	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	404704	3782105	3.32E-07	1.333333Y	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

273	ALL	399068	3782368	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	399349.8	3782368	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	399631.6	3782368	2.30E-07	1.333333Y	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	399913.4	3782368	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	400195.2	3782368	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	400477	3782368	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	400758.8	3782368	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	401040.6	3782368	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	401322.4	3782368	3.54E-07	1.333333Y	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	401604.2	3782368	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	401886	3782368	4.22E-07	1.333333Y	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	402167.8	3782368	5.24E-07	1.333333Y	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	402449.6	3782368	4.92E-07	1.333333Y	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	402731.4	3782368	5.59E-07	1.333333Y	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	403013.2	3782368	6.33E-07	1.333333Y	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	403295	3782368	6.63E-07	1.333333Y	6.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	403576.8	3782368	6.33E-07	1.333333Y	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	403858.6	3782368	5.69E-07	1.333333Y	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	404140.4	3782368	4.72E-07	1.333333Y	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	404422.2	3782368	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	404704	3782368	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	399068	3782632	1.73E-07	1.333333Y	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	399349.8	3782632	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	399631.6	3782632	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	399913.4	3782632	1.30E-07	1.333333Y	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	400195.2	3782632	1.47E-07	1.333333Y	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	400477	3782632	1.49E-07	1.333333Y	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	400758.8	3782632	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	401040.6	3782632	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	401322.4	3782632	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	401604.2	3782632	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	401886	3782632	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	402167.8	3782632	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	402449.6	3782632	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	402731.4	3782632	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	403013.2	3782632	2.89E-07	1.333333Y	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	403295	3782632	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	403576.8	3782632	3.60E-07	1.333333Y	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	403858.6	3782632	3.78E-07	1.333333Y	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	404140.4	3782632	3.74E-07	1.333333Y	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	404422.2	3782632	3.55E-07	1.333333Y	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	404704	3782632	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	399068	3782895	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	399349.8	3782895	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	399631.6	3782895	8.82E-08	1.333333Y	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	399913.4	3782895	1.29E-07	1.333333Y	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	400195.2	3782895	9.96E-08	1.333333Y	9.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	400477	3782895	1.11E-07	1.333333Y	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	400758.8	3782895	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	401040.6	3782895	1.16E-07	1.333333Y	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	401322.4	3782895	1.25E-07	1.333333Y	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	401604.2	3782895	1.45E-07	1.333333Y	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	401886	3782895	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	402167.8	3782895	1.45E-07	1.333333Y	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	402449.6	3782895	1.58E-07	1.333333Y	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	402731.4	3782895	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	403013.2	3782895	1.65E-07	1.333333Y	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	403295	3782895	1.84E-07	1.333333Y	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	403576.8	3782895	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	403858.6	3782895	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	404140.4	3782895	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	404422.2	3782895	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	404704	3782895	2.47E-07	1.333333Y	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	399068	3783159	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	399349.8	3783159	9.72E-08	1.333333Y	9.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	399631.6	3783159	6.31E-08	1.333333Y	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	399913.4	3783159	7.44E-08	1.333333Y	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	400195.2	3783159	7.61E-08	1.333333Y	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	400477	3783159	7.88E-08	1.333333Y	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	400758.8	3783159	8.63E-08	1.333333Y	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	401040.6	3783159	8.43E-08	1.333333Y	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	401322.4	3783159	9.47E-08	1.333333Y	9.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	401604.2	3783159	1.05E-07	1.333333Y	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	401886	3783159	1.02E-07	1.333333Y	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	402167.8	3783159	1.01E-07	1.333333Y	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	402449.6	3783159	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	402731.4	3783159	1.14E-07	1.333333Y	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	403013.2	3783159	1.04E-07	1.333333Y	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	403295	3783159	1.20E-07	1.333333Y	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	403576.8	3783159	1.32E-07	1.333333Y	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	403858.6	3783159	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	404140.4	3783159	1.52E-07	1.333333Y	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	404422.2	3783159	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	404704	3783159	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	399068	3783422	7.07E-08	1.333333Y	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	399349.8	3783422	5.26E-08	1.333333Y	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	399631.6	3783422	5.58E-08	1.333333Y	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	399913.4	3783422	5.73E-08	1.333333Y	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	400195.2	3783422	5.81E-08	1.333333Y	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	400477	3783422	6.26E-08	1.333333Y	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	400758.8	3783422	6.38E-08	1.333333Y	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

364	ALL	401040.6	3783422	6.80E-08	1.333333Y	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	401322.4	3783422	7.32E-08	1.333333Y	7.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	401604.2	3783422	8.06E-08	1.333333Y	8.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	401886	3783422	7.78E-08	1.333333Y	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	402167.8	3783422	7.63E-08	1.333333Y	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	402449.6	3783422	8.04E-08	1.333333Y	8.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	402731.4	3783422	8.61E-08	1.333333Y	8.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	403013.2	3783422	7.57E-08	1.333333Y	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	403295	3783422	8.87E-08	1.333333Y	8.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	403576.8	3783422	9.32E-08	1.333333Y	9.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	403858.6	3783422	9.92E-08	1.333333Y	9.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	404140.4	3783422	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	404422.2	3783422	1.11E-07	1.333333Y	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	404704	3783422	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	399068	3783686	4.20E-08	1.333333Y	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	399349.8	3783686	4.37E-08	1.333333Y	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	399631.6	3783686	4.38E-08	1.333333Y	4.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	399913.4	3783686	4.58E-08	1.333333Y	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	400195.2	3783686	4.90E-08	1.333333Y	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	400477	3783686	4.97E-08	1.333333Y	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	400758.8	3783686	5.13E-08	1.333333Y	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	401040.6	3783686	5.76E-08	1.333333Y	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	401322.4	3783686	5.89E-08	1.333333Y	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	401604.2	3783686	6.37E-08	1.333333Y	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	401886	3783686	5.40E-08	1.333333Y	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	402167.8	3783686	5.16E-08	1.333333Y	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	402449.6	3783686	5.43E-08	1.333333Y	5.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	402731.4	3783686	5.07E-08	1.333333Y	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	403013.2	3783686	4.11E-08	1.333333Y	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	403295	3783686	6.90E-08	1.333333Y	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	403576.8	3783686	7.12E-08	1.333333Y	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	403858.6	3783686	7.38E-08	1.333333Y	7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	404140.4	3783686	7.72E-08	1.333333Y	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	404422.2	3783686	8.26E-08	1.333333Y	8.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	404704	3783686	6.97E-08	1.333333Y	6.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	399068	3783950	3.61E-08	1.333333Y	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	399349.8	3783950	3.59E-08	1.333333Y	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	399631.6	3783950	3.76E-08	1.333333Y	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	399913.4	3783950	4.01E-08	1.333333Y	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	400195.2	3783950	4.04E-08	1.333333Y	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	400477	3783950	4.06E-08	1.333333Y	4.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	400758.8	3783950	4.36E-08	1.333333Y	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	401040.6	3783950	4.88E-08	1.333333Y	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	401322.4	3783950	4.96E-08	1.333333Y	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	401604.2	3783950	4.98E-08	1.333333Y	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	401886	3783950	2.79E-08	1.333333Y	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	402167.8	3783950	2.40E-08	1.333333Y	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	402449.6	3783950	3.12E-08	1.333333Y	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	402731.4	3783950	2.59E-08	1.333333Y	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	403013.2	3783950	5.14E-08	1.333333Y	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	403295	3783950	5.83E-08	1.333333Y	5.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	403576.8	3783950	5.82E-08	1.333333Y	5.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	403858.6	3783950	5.86E-08	1.333333Y	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	404140.4	3783950	5.96E-08	1.333333Y	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	404422.2	3783950	5.11E-08	1.333333Y	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	404704	3783950	4.70E-08	1.333333Y	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	399068	3784213	3.02E-08	1.333333Y	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	399349.8	3784213	3.15E-08	1.333333Y	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	399631.6	3784213	3.38E-08	1.333333Y	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	399913.4	3784213	3.44E-08	1.333333Y	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	400195.2	3784213	2.94E-08	1.333333Y	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	400477	3784213	2.68E-08	1.333333Y	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	400758.8	3784213	2.57E-08	1.333333Y	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	401040.6	3784213	4.05E-08	1.333333Y	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	401322.4	3784213	4.28E-08	1.333333Y	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	401604.2	3784213	4.52E-08	1.333333Y	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	401886	3784213	1.99E-08	1.333333Y	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	402167.8	3784213	1.12E-08	1.333333Y	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	402449.6	3784213	1.69E-08	1.333333Y	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	402731.4	3784213	3.78E-08	1.333333Y	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	403013.2	3784213	4.63E-08	1.333333Y	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	403295	3784213	4.98E-08	1.333333Y	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	403576.8	3784213	4.88E-08	1.333333Y	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	403858.6	3784213	4.32E-08	1.333333Y	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	404140.4	3784213	3.44E-08	1.333333Y	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	404422.2	3784213	2.63E-08	1.333333Y	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	404704	3784213	3.76E-08	1.333333Y	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	401308.9	3781009	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	401328.9	3781009	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	401348.9	3781009	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	401368.9	3781009	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	401388.9	3781009	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	401408.9	3781009	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	401428.9	3781009	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	401448.9	3781009	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	401468.9	3781009	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	401488.9	3781009	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	401508.9	3781009	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	401528.9	3781009	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	401548.9	3781009	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	401568.9	3781009	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

455	ALL	401588.9	3781009	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	401608.9	3781009	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	401628.9	3781009	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	401648.9	3781009	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	401668.9	3781009	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	401688.9	3781009	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	401708.9	3781009	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	401728.9	3781009	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	401748.9	3781009	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	401768.9	3781009	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	401788.9	3781009	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	401808.9	3781009	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	401828.9	3781009	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	401848.9	3781009	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	401868.9	3781009	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	401888.9	3781009	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	401908.9	3781009	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	401928.9	3781009	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	401948.9	3781009	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	401968.9	3781009	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	401988.9	3781009	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	402008.9	3781009	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	402028.9	3781009	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	402048.9	3781009	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	402068.9	3781009	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	402088.9	3781009	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	402108.9	3781009	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	402128.9	3781009	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	402148.9	3781009	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	402168.9	3781009	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	402188.9	3781009	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	402208.9	3781009	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	402228.9	3781009	1.42E-06	1.333333Y	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	402248.9	3781009	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	402268.9	3781009	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	402288.9	3781009	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	402308.9	3781009	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	402328.9	3781009	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	402348.9	3781009	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	402368.9	3781009	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	402388.9	3781009	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	402408.9	3781009	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	402428.9	3781009	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	402448.9	3781009	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	402468.9	3781009	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	402488.9	3781009	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	402508.9	3781009	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	401308.9	3781029	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	401328.9	3781029	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	401348.9	3781029	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	401368.9	3781029	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	401388.9	3781029	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	401408.9	3781029	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	401428.9	3781029	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	401448.9	3781029	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	401468.9	3781029	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	401488.9	3781029	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	401508.9	3781029	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	401528.9	3781029	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	401548.9	3781029	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	401568.9	3781029	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	401588.9	3781029	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	401608.9	3781029	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	401628.9	3781029	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	401648.9	3781029	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	401668.9	3781029	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	401688.9	3781029	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	401708.9	3781029	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	401728.9	3781029	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	401748.9	3781029	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	401768.9	3781029	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	401788.9	3781029	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	401808.9	3781029	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	401828.9	3781029	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	401848.9	3781029	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	401868.9	3781029	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	401888.9	3781029	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	401908.9	3781029	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	401928.9	3781029	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	401948.9	3781029	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	401968.9	3781029	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	401988.9	3781029	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	402008.9	3781029	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	402028.9	3781029	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	402048.9	3781029	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	402068.9	3781029	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	402088.9	3781029	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	402108.9	3781029	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	402128.9	3781029	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	402148.9	3781029	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	402168.9	3781029	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

546	ALL	402188.9	3781029	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	402208.9	3781029	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	402228.9	3781029	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	402248.9	3781029	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	402268.9	3781029	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	402288.9	3781029	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	402308.9	3781029	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	402328.9	3781029	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	402348.9	3781029	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	402368.9	3781029	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	402388.9	3781029	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	402408.9	3781029	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	402428.9	3781029	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	402448.9	3781029	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	402468.9	3781029	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	402488.9	3781029	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	402508.9	3781029	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	401308.9	3781049	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	401328.9	3781049	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	401348.9	3781049	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	401368.9	3781049	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	401388.9	3781049	1.27E-06	1.333333Y	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	401408.9	3781049	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	401428.9	3781049	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	401448.9	3781049	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	401468.9	3781049	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	401488.9	3781049	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	401508.9	3781049	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	401528.9	3781049	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	401548.9	3781049	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	401568.9	3781049	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	401588.9	3781049	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	401608.9	3781049	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	401628.9	3781049	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	401648.9	3781049	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	401668.9	3781049	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	401688.9	3781049	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	401708.9	3781049	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	401728.9	3781049	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	401748.9	3781049	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	401768.9	3781049	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	401788.9	3781049	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	401808.9	3781049	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	401828.9	3781049	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	401848.9	3781049	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	401868.9	3781049	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	401888.9	3781049	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	401908.9	3781049	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	401928.9	3781049	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	401948.9	3781049	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	401968.9	3781049	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	401988.9	3781049	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	402008.9	3781049	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	402028.9	3781049	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	402048.9	3781049	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	402068.9	3781049	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	402088.9	3781049	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	402108.9	3781049	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	402128.9	3781049	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	402148.9	3781049	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	402168.9	3781049	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	402188.9	3781049	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	402208.9	3781049	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	402228.9	3781049	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	402248.9	3781049	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	402268.9	3781049	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	402288.9	3781049	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	402308.9	3781049	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	402328.9	3781049	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	402348.9	3781049	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	402368.9	3781049	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	402388.9	3781049	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	402408.9	3781049	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	402428.9	3781049	1.27E-06	1.333333Y	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	402448.9	3781049	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	402468.9	3781049	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	402488.9	3781049	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	402508.9	3781049	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	401308.9	3781069	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	401328.9	3781069	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	401348.9	3781069	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	401368.9	3781069	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	401388.9	3781069	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL	401408.9	3781069	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	401428.9	3781069	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	401448.9	3781069	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	401468.9	3781069	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	401488.9	3781069	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	401508.9	3781069	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	401528.9	3781069	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	401548.9	3781069	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

637	ALL	401568.9	3781069	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	401588.9	3781069	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	401608.9	3781069	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	401628.9	3781069	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	401648.9	3781069	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	401668.9	3781069	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	401688.9	3781069	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	401708.9	3781069	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	401728.9	3781069	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	401748.9	3781069	1.82E-06	1.333333Y	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	401768.9	3781069	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	401788.9	3781069	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	401808.9	3781069	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	401828.9	3781069	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	401848.9	3781069	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	401868.9	3781069	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	401888.9	3781069	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	401908.9	3781069	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	401928.9	3781069	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	401948.9	3781069	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	401968.9	3781069	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	401988.9	3781069	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	402008.9	3781069	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	402028.9	3781069	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	402048.9	3781069	1.82E-06	1.333333Y	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	402068.9	3781069	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	402088.9	3781069	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	402108.9	3781069	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	402128.9	3781069	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	402148.9	3781069	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	402168.9	3781069	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	402188.9	3781069	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	402208.9	3781069	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	402228.9	3781069	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	402248.9	3781069	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	402268.9	3781069	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	402288.9	3781069	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	402308.9	3781069	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	402328.9	3781069	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	402348.9	3781069	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	402368.9	3781069	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	402388.9	3781069	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	402408.9	3781069	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	402428.9	3781069	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	402448.9	3781069	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	402468.9	3781069	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	402488.9	3781069	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	402508.9	3781069	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	401308.9	3781089	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	401328.9	3781089	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	401348.9	3781089	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	401368.9	3781089	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	401388.9	3781089	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	401408.9	3781089	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	401428.9	3781089	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	401448.9	3781089	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	401468.9	3781089	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	401488.9	3781089	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	401508.9	3781089	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	401528.9	3781089	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	401548.9	3781089	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	401568.9	3781089	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	401588.9	3781089	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	401608.9	3781089	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	401628.9	3781089	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	401648.9	3781089	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	401668.9	3781089	1.82E-06	1.333333Y	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	401688.9	3781089	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	401708.9	3781089	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	401728.9	3781089	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	401748.9	3781089	1.91E-06	1.333333Y	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	401768.9	3781089	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	401788.9	3781089	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	401808.9	3781089	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	401828.9	3781089	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	401848.9	3781089	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	401868.9	3781089	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	401888.9	3781089	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	401908.9	3781089	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	401928.9	3781089	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	401948.9	3781089	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	401968.9	3781089	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL	401988.9	3781089	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	402008.9	3781089	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	402028.9	3781089	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	402048.9	3781089	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	402068.9	3781089	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	402088.9	3781089	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	402108.9	3781089	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	402128.9	3781089	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	402148.9	3781089	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

728	ALL	402168.9	3781089	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	402188.9	3781089	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	402208.9	3781089	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	402228.9	3781089	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	402248.9	3781089	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	402268.9	3781089	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	402288.9	3781089	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	402308.9	3781089	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	402328.9	3781089	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	402348.9	3781089	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	402368.9	3781089	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	402388.9	3781089	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	402408.9	3781089	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	402428.9	3781089	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	402448.9	3781089	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	402468.9	3781089	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	402488.9	3781089	1.27E-06	1.333333Y	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	402508.9	3781089	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	401308.9	3781109	1.27E-06	1.333333Y	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	401328.9	3781109	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	401348.9	3781109	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	401368.9	3781109	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	401388.9	3781109	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	401408.9	3781109	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	401428.9	3781109	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	401448.9	3781109	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	401468.9	3781109	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	401488.9	3781109	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	401508.9	3781109	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	401528.9	3781109	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	401548.9	3781109	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	401568.9	3781109	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	401588.9	3781109	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	401608.9	3781109	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	401628.9	3781109	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	401648.9	3781109	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	401668.9	3781109	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	401688.9	3781109	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	401708.9	3781109	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	401728.9	3781109	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	401748.9	3781109	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	401768.9	3781109	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	401788.9	3781109	2.06E-06	1.333333Y	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	401808.9	3781109	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	401828.9	3781109	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	401848.9	3781109	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	401868.9	3781109	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	401888.9	3781109	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	401908.9	3781109	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	401928.9	3781109	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	401948.9	3781109	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	401968.9	3781109	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	401988.9	3781109	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	402008.9	3781109	2.06E-06	1.333333Y	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	402028.9	3781109	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	402048.9	3781109	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	402068.9	3781109	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	402088.9	3781109	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	402108.9	3781109	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	402128.9	3781109	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	402148.9	3781109	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	402168.9	3781109	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	402188.9	3781109	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL	402208.9	3781109	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	402228.9	3781109	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	402248.9	3781109	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	402268.9	3781109	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	402288.9	3781109	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	402308.9	3781109	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	402328.9	3781109	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	402348.9	3781109	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	402368.9	3781109	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	402388.9	3781109	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	402408.9	3781109	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	402428.9	3781109	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	402448.9	3781109	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	402468.9	3781109	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	402488.9	3781109	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	402508.9	3781109	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	401308.9	3781129	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL	401328.9	3781129	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL	401348.9	3781129	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	401368.9	3781129	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	401388.9	3781129	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	401408.9	3781129	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	401428.9	3781129	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	401448.9	3781129	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL	401468.9	3781129	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	401488.9	3781129	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	401508.9	3781129	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	401528.9	3781129	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

819	ALL	401548.9	3781129	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	401568.9	3781129	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	401588.9	3781129	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	401608.9	3781129	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	401628.9	3781129	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	401648.9	3781129	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	401668.9	3781129	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	401688.9	3781129	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	401708.9	3781129	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	401728.9	3781129	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	401748.9	3781129	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	401768.9	3781129	2.15E-06	1.333333Y	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	401788.9	3781129	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	401808.9	3781129	2.19E-06	1.333333Y	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	401828.9	3781129	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	401848.9	3781129	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	401868.9	3781129	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	401888.9	3781129	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	401908.9	3781129	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	401928.9	3781129	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	401948.9	3781129	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	401968.9	3781129	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	401988.9	3781129	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	402008.9	3781129	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	402028.9	3781129	2.16E-06	1.333333Y	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	402048.9	3781129	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	402068.9	3781129	2.12E-06	1.333333Y	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	402088.9	3781129	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	402108.9	3781129	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	402128.9	3781129	2.02E-06	1.333333Y	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	402148.9	3781129	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	402168.9	3781129	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	402188.9	3781129	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	402208.9	3781129	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	402228.9	3781129	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	402248.9	3781129	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	402268.9	3781129	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	402288.9	3781129	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	402308.9	3781129	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	402328.9	3781129	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	402348.9	3781129	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	402368.9	3781129	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	402388.9	3781129	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	402408.9	3781129	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	402428.9	3781129	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	402448.9	3781129	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	402468.9	3781129	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	402488.9	3781129	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	402508.9	3781129	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	401308.9	3781149	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	401328.9	3781149	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	401348.9	3781149	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	401368.9	3781149	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	401388.9	3781149	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	401408.9	3781149	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	401428.9	3781149	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	401448.9	3781149	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	401468.9	3781149	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	401488.9	3781149	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	401508.9	3781149	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL	401528.9	3781149	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	401548.9	3781149	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	401568.9	3781149	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	401588.9	3781149	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL	401608.9	3781149	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL	401628.9	3781149	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL	401648.9	3781149	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL	401668.9	3781149	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL	401688.9	3781149	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL	401708.9	3781149	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL	401728.9	3781149	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL	401748.9	3781149	2.25E-06	1.333333Y	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL	401768.9	3781149	2.27E-06	1.333333Y	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL	401788.9	3781149	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL	401808.9	3781149	2.32E-06	1.333333Y	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL	401828.9	3781149	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL	401848.9	3781149	2.36E-06	1.333333Y	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL	401868.9	3781149	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL	401888.9	3781149	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL	401908.9	3781149	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL	401928.9	3781149	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL	401948.9	3781149	2.36E-06	1.333333Y	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	ALL	401968.9	3781149	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL	401988.9	3781149	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL	402008.9	3781149	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL	402028.9	3781149	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL	402048.9	3781149	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL	402068.9	3781149	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL	402088.9	3781149	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL	402108.9	3781149	2.17E-06	1.333333Y	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL	402128.9	3781149	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

910	ALL	402148.9	3781149	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL	402168.9	3781149	2.06E-06	1.333333Y	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL	402188.9	3781149	2.02E-06	1.333333Y	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL	402208.9	3781149	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL	402228.9	3781149	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL	402248.9	3781149	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL	402268.9	3781149	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	ALL	402288.9	3781149	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL	402308.9	3781149	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL	402328.9	3781149	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL	402348.9	3781149	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL	402368.9	3781149	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL	402388.9	3781149	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL	402408.9	3781149	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL	402428.9	3781149	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL	402448.9	3781149	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL	402468.9	3781149	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL	402488.9	3781149	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL	402508.9	3781149	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL	401308.9	3781169	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL	401328.9	3781169	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL	401348.9	3781169	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL	401368.9	3781169	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL	401388.9	3781169	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL	401408.9	3781169	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL	401428.9	3781169	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL	401448.9	3781169	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL	401468.9	3781169	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL	401488.9	3781169	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL	401508.9	3781169	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL	401528.9	3781169	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL	401548.9	3781169	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL	401568.9	3781169	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL	401588.9	3781169	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL	401608.9	3781169	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL	401628.9	3781169	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	ALL	401648.9	3781169	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL	401668.9	3781169	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL	401688.9	3781169	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL	401708.9	3781169	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL	401728.9	3781169	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL	401748.9	3781169	2.38E-06	1.333333Y	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL	401768.9	3781169	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL	401788.9	3781169	2.44E-06	1.333333Y	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL	401808.9	3781169	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL	401828.9	3781169	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL	401848.9	3781169	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL	401868.9	3781169	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL	401888.9	3781169	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL	401908.9	3781169	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL	401928.9	3781169	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL	401948.9	3781169	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL	401968.9	3781169	2.50E-06	1.333333Y	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL	401988.9	3781169	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL	402008.9	3781169	2.45E-06	1.333333Y	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL	402028.9	3781169	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL	402048.9	3781169	2.40E-06	1.333333Y	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL	402068.9	3781169	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL	402088.9	3781169	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL	402108.9	3781169	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL	402128.9	3781169	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL	402148.9	3781169	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL	402168.9	3781169	2.17E-06	1.333333Y	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL	402188.9	3781169	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL	402208.9	3781169	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL	402228.9	3781169	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL	402248.9	3781169	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL	402268.9	3781169	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL	402288.9	3781169	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL	402308.9	3781169	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL	402328.9	3781169	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL	402348.9	3781169	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL	402368.9	3781169	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL	402388.9	3781169	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL	402408.9	3781169	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL	402428.9	3781169	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL	402448.9	3781169	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL	402468.9	3781169	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL	402488.9	3781169	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL	402508.9	3781169	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL	401308.9	3781189	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	ALL	401328.9	3781189	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL	401348.9	3781189	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL	401368.9	3781189	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL	401388.9	3781189	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL	401408.9	3781189	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL	401428.9	3781189	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL	401448.9	3781189	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL	401468.9	3781189	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL	401488.9	3781189	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL	401508.9	3781189	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1001	ALL	401528.9	3781189	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL	401548.9	3781189	2.02E-06	1.333333Y	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL	401568.9	3781189	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL	401588.9	3781189	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL	401608.9	3781189	2.19E-06	1.333333Y	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL	401628.9	3781189	2.25E-06	1.333333Y	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	ALL	401648.9	3781189	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL	401668.9	3781189	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL	401688.9	3781189	2.39E-06	1.333333Y	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	ALL	401708.9	3781189	2.44E-06	1.333333Y	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL	401728.9	3781189	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL	401748.9	3781189	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL	401768.9	3781189	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL	401788.9	3781189	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL	401808.9	3781189	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL	401828.9	3781189	2.65E-06	1.333333Y	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL	401848.9	3781189	2.67E-06	1.333333Y	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL	401868.9	3781189	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL	401888.9	3781189	2.69E-06	1.333333Y	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL	401908.9	3781189	2.69E-06	1.333333Y	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL	401928.9	3781189	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL	401948.9	3781189	2.67E-06	1.333333Y	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL	401968.9	3781189	2.66E-06	1.333333Y	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL	401988.9	3781189	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL	402008.9	3781189	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL	402028.9	3781189	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL	402048.9	3781189	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL	402068.9	3781189	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL	402088.9	3781189	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL	402108.9	3781189	2.44E-06	1.333333Y	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL	402128.9	3781189	2.39E-06	1.333333Y	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL	402148.9	3781189	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL	402168.9	3781189	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL	402188.9	3781189	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL	402208.9	3781189	2.19E-06	1.333333Y	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	ALL	402228.9	3781189	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL	402248.9	3781189	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL	402268.9	3781189	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL	402288.9	3781189	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL	402308.9	3781189	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL	402328.9	3781189	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL	402348.9	3781189	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL	402368.9	3781189	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL	402388.9	3781189	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL	402408.9	3781189	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL	402428.9	3781189	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL	402448.9	3781189	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL	402468.9	3781189	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL	402488.9	3781189	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL	402508.9	3781189	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL	401308.9	3781209	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL	401328.9	3781209	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL	401348.9	3781209	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL	401368.9	3781209	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	ALL	401388.9	3781209	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL	401408.9	3781209	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL	401428.9	3781209	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL	401448.9	3781209	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL	401468.9	3781209	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL	401488.9	3781209	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL	401508.9	3781209	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL	401528.9	3781209	2.06E-06	1.333333Y	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL	401548.9	3781209	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL	401568.9	3781209	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL	401588.9	3781209	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL	401608.9	3781209	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL	401628.9	3781209	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL	401648.9	3781209	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL	401668.9	3781209	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL	401688.9	3781209	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL	401708.9	3781209	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL	401728.9	3781209	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL	401748.9	3781209	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL	401768.9	3781209	2.72E-06	1.333333Y	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL	401788.9	3781209	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL	401808.9	3781209	2.80E-06	1.333333Y	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL	401828.9	3781209	2.82E-06	1.333333Y	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL	401848.9	3781209	2.85E-06	1.333333Y	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL	401868.9	3781209	2.86E-06	1.333333Y	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL	401888.9	3781209	2.87E-06	1.333333Y	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	ALL	401908.9	3781209	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL	401928.9	3781209	2.87E-06	1.333333Y	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL	401948.9	3781209	2.86E-06	1.333333Y	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL	401968.9	3781209	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL	401988.9	3781209	2.81E-06	1.333333Y	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL	402008.9	3781209	2.77E-06	1.333333Y	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL	402028.9	3781209	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL	402048.9	3781209	2.72E-06	1.333333Y	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL	402068.9	3781209	2.69E-06	1.333333Y	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL	402088.9	3781209	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL	402108.9	3781209	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1092	ALL	402128.9	3781209	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL	402148.9	3781209	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL	402168.9	3781209	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL	402188.9	3781209	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL	402208.9	3781209	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL	402228.9	3781209	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL	402248.9	3781209	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL	402268.9	3781209	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL	402288.9	3781209	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL	402308.9	3781209	2.02E-06	1.333333Y	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL	402328.9	3781209	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL	402348.9	3781209	1.91E-06	1.333333Y	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL	402368.9	3781209	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL	402388.9	3781209	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL	402408.9	3781209	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL	402428.9	3781209	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL	402448.9	3781209	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL	402468.9	3781209	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL	402488.9	3781209	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	ALL	402508.9	3781209	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL	401308.9	3781229	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL	401328.9	3781229	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL	401348.9	3781229	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL	401368.9	3781229	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL	401388.9	3781229	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL	401408.9	3781229	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL	401428.9	3781229	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL	401448.9	3781229	1.91E-06	1.333333Y	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL	401468.9	3781229	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL	401488.9	3781229	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL	401508.9	3781229	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL	401528.9	3781229	2.16E-06	1.333333Y	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL	401548.9	3781229	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL	401568.9	3781229	2.28E-06	1.333333Y	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	ALL	401588.9	3781229	2.35E-06	1.333333Y	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL	401608.9	3781229	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL	401628.9	3781229	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL	401648.9	3781229	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL	401668.9	3781229	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL	401688.9	3781229	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL	401708.9	3781229	2.74E-06	1.333333Y	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL	401728.9	3781229	2.80E-06	1.333333Y	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL	401748.9	3781229	2.85E-06	1.333333Y	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL	401768.9	3781229	2.90E-06	1.333333Y	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL	401788.9	3781229	2.95E-06	1.333333Y	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL	401808.9	3781229	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL	401828.9	3781229	3.02E-06	1.333333Y	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL	401848.9	3781229	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL	401868.9	3781229	3.06E-06	1.333333Y	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL	401888.9	3781229	3.07E-06	1.333333Y	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL	401908.9	3781229	3.08E-06	1.333333Y	3.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL	401928.9	3781229	3.07E-06	1.333333Y	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL	401948.9	3781229	3.06E-06	1.333333Y	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL	401968.9	3781229	3.03E-06	1.333333Y	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL	401988.9	3781229	3.00E-06	1.333333Y	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL	402008.9	3781229	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL	402028.9	3781229	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL	402048.9	3781229	2.91E-06	1.333333Y	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL	402068.9	3781229	2.87E-06	1.333333Y	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL	402088.9	3781229	2.82E-06	1.333333Y	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL	402108.9	3781229	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL	402128.9	3781229	2.70E-06	1.333333Y	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL	402148.9	3781229	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL	402168.9	3781229	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL	402188.9	3781229	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL	402208.9	3781229	2.45E-06	1.333333Y	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL	402228.9	3781229	2.38E-06	1.333333Y	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL	402248.9	3781229	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL	402268.9	3781229	2.25E-06	1.333333Y	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL	402288.9	3781229	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL	402308.9	3781229	2.12E-06	1.333333Y	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL	402328.9	3781229	2.06E-06	1.333333Y	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL	402348.9	3781229	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL	402368.9	3781229	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL	402388.9	3781229	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL	402408.9	3781229	1.82E-06	1.333333Y	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL	402428.9	3781229	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL	402448.9	3781229	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL	402468.9	3781229	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	ALL	402488.9	3781229	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL	402508.9	3781229	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL	401308.9	3781249	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL	401328.9	3781249	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL	401348.9	3781249	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL	401368.9	3781249	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL	401388.9	3781249	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL	401408.9	3781249	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL	401428.9	3781249	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL	401448.9	3781249	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL	401468.9	3781249	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL	401488.9	3781249	2.12E-06	1.333333Y	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1183	ALL	401508.9	3781249	2.19E-06	1.333333Y	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL	401528.9	3781249	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL	401548.9	3781249	2.32E-06	1.333333Y	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL	401568.9	3781249	2.40E-06	1.333333Y	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	ALL	401588.9	3781249	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL	401608.9	3781249	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL	401628.9	3781249	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL	401648.9	3781249	2.70E-06	1.333333Y	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL	401668.9	3781249	2.77E-06	1.333333Y	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL	401688.9	3781249	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL	401708.9	3781249	2.91E-06	1.333333Y	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL	401728.9	3781249	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL	401748.9	3781249	3.05E-06	1.333333Y	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL	401768.9	3781249	3.10E-06	1.333333Y	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL	401788.9	3781249	3.15E-06	1.333333Y	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL	401808.9	3781249	3.20E-06	1.333333Y	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL	401828.9	3781249	3.23E-06	1.333333Y	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL	401848.9	3781249	3.27E-06	1.333333Y	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL	401868.9	3781249	3.28E-06	1.333333Y	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL	401888.9	3781249	3.30E-06	1.333333Y	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL	401908.9	3781249	3.31E-06	1.333333Y	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL	401928.9	3781249	3.30E-06	1.333333Y	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL	401948.9	3781249	3.28E-06	1.333333Y	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL	401968.9	3781249	3.25E-06	1.333333Y	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL	401988.9	3781249	3.22E-06	1.333333Y	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL	402008.9	3781249	3.18E-06	1.333333Y	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL	402028.9	3781249	3.15E-06	1.333333Y	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL	402048.9	3781249	3.11E-06	1.333333Y	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL	402068.9	3781249	3.06E-06	1.333333Y	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	ALL	402088.9	3781249	3.01E-06	1.333333Y	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL	402108.9	3781249	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL	402128.9	3781249	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL	402148.9	3781249	2.81E-06	1.333333Y	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	ALL	402168.9	3781249	2.74E-06	1.333333Y	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL	402188.9	3781249	2.67E-06	1.333333Y	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	ALL	402208.9	3781249	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	ALL	402228.9	3781249	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	ALL	402248.9	3781249	2.44E-06	1.333333Y	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	ALL	402268.9	3781249	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	ALL	402288.9	3781249	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	ALL	402308.9	3781249	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	ALL	402328.9	3781249	2.16E-06	1.333333Y	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	ALL	402348.9	3781249	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	ALL	402368.9	3781249	2.02E-06	1.333333Y	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	ALL	402388.9	3781249	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	ALL	402408.9	3781249	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	ALL	402428.9	3781249	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	ALL	402448.9	3781249	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	ALL	402468.9	3781249	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	ALL	402488.9	3781249	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	ALL	402508.9	3781249	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	ALL	401308.9	3781269	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	ALL	401328.9	3781269	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	ALL	401348.9	3781269	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	ALL	401368.9	3781269	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	ALL	401388.9	3781269	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	ALL	401408.9	3781269	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	ALL	401428.9	3781269	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	ALL	401448.9	3781269	2.06E-06	1.333333Y	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	ALL	401468.9	3781269	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	ALL	401488.9	3781269	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	ALL	401508.9	3781269	2.28E-06	1.333333Y	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	ALL	401528.9	3781269	2.36E-06	1.333333Y	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	ALL	401548.9	3781269	2.44E-06	1.333333Y	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	ALL	401568.9	3781269	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	ALL	401588.9	3781269	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	ALL	401608.9	3781269	2.69E-06	1.333333Y	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	ALL	401628.9	3781269	2.77E-06	1.333333Y	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	ALL	401648.9	3781269	2.86E-06	1.333333Y	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	ALL	401668.9	3781269	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	ALL	401688.9	3781269	3.02E-06	1.333333Y	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	ALL	401708.9	3781269	3.10E-06	1.333333Y	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	ALL	401728.9	3781269	3.18E-06	1.333333Y	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	ALL	401748.9	3781269	3.25E-06	1.333333Y	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	ALL	401768.9	3781269	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	ALL	401788.9	3781269	3.38E-06	1.333333Y	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	ALL	401808.9	3781269	3.43E-06	1.333333Y	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	ALL	401828.9	3781269	3.48E-06	1.333333Y	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261	ALL	401848.9	3781269	3.51E-06	1.333333Y	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	ALL	401868.9	3781269	3.53E-06	1.333333Y	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	ALL	401888.9	3781269	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	ALL	401908.9	3781269	3.56E-06	1.333333Y	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	ALL	401928.9	3781269	3.56E-06	1.333333Y	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	ALL	401948.9	3781269	3.53E-06	1.333333Y	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	ALL	401968.9	3781269	3.50E-06	1.333333Y	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	ALL	401988.9	3781269	3.48E-06	1.333333Y	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	ALL	402008.9	3781269	3.43E-06	1.333333Y	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	ALL	402028.9	3781269	3.39E-06	1.333333Y	3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	ALL	402048.9	3781269	3.35E-06	1.333333Y	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	ALL	402068.9	3781269	3.29E-06	1.333333Y	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	ALL	402088.9	3781269	3.22E-06	1.333333Y	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1274	ALL	402108.9	3781269	3.15E-06	1.333333Y	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	ALL	402128.9	3781269	3.07E-06	1.333333Y	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	ALL	402148.9	3781269	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	ALL	402168.9	3781269	2.91E-06	1.333333Y	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	ALL	402188.9	3781269	2.83E-06	1.333333Y	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	ALL	402208.9	3781269	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	ALL	402228.9	3781269	2.66E-06	1.333333Y	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	ALL	402248.9	3781269	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	ALL	402268.9	3781269	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	ALL	402288.9	3781269	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	ALL	402308.9	3781269	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	ALL	402328.9	3781269	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	ALL	402348.9	3781269	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	ALL	402368.9	3781269	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	ALL	402388.9	3781269	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	ALL	402408.9	3781269	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	ALL	402428.9	3781269	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	ALL	402448.9	3781269	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	ALL	402468.9	3781269	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	ALL	402488.9	3781269	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	ALL	402508.9	3781269	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	ALL	401308.9	3781289	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	ALL	401328.9	3781289	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	ALL	401348.9	3781289	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	ALL	401368.9	3781289	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	ALL	401388.9	3781289	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	ALL	401408.9	3781289	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	ALL	401428.9	3781289	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	ALL	401448.9	3781289	2.15E-06	1.333333Y	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	ALL	401468.9	3781289	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	ALL	401488.9	3781289	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	ALL	401508.9	3781289	2.39E-06	1.333333Y	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1306	ALL	401528.9	3781289	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	ALL	401548.9	3781289	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	ALL	401568.9	3781289	2.66E-06	1.333333Y	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	ALL	401588.9	3781289	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	ALL	401608.9	3781289	2.85E-06	1.333333Y	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	ALL	401628.9	3781289	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	ALL	401648.9	3781289	3.03E-06	1.333333Y	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313	ALL	401668.9	3781289	3.13E-06	1.333333Y	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	ALL	401688.9	3781289	3.22E-06	1.333333Y	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	ALL	401708.9	3781289	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	ALL	401728.9	3781289	3.40E-06	1.333333Y	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	ALL	401748.9	3781289	3.49E-06	1.333333Y	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	ALL	401768.9	3781289	3.56E-06	1.333333Y	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	ALL	401788.9	3781289	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	ALL	401808.9	3781289	3.70E-06	1.333333Y	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	ALL	401828.9	3781289	3.76E-06	1.333333Y	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	ALL	401848.9	3781289	3.80E-06	1.333333Y	3.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	ALL	401868.9	3781289	3.82E-06	1.333333Y	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	ALL	401888.9	3781289	3.85E-06	1.333333Y	3.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	ALL	401908.9	3781289	3.86E-06	1.333333Y	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326	ALL	401928.9	3781289	3.84E-06	1.333333Y	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	ALL	401948.9	3781289	3.82E-06	1.333333Y	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	ALL	401968.9	3781289	3.79E-06	1.333333Y	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	ALL	401988.9	3781289	3.75E-06	1.333333Y	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	ALL	402008.9	3781289	3.69E-06	1.333333Y	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	ALL	402028.9	3781289	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	ALL	402048.9	3781289	3.60E-06	1.333333Y	3.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	ALL	402068.9	3781289	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	ALL	402088.9	3781289	3.47E-06	1.333333Y	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	ALL	402108.9	3781289	3.38E-06	1.333333Y	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	ALL	402128.9	3781289	3.29E-06	1.333333Y	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	ALL	402148.9	3781289	3.20E-06	1.333333Y	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	ALL	402168.9	3781289	3.11E-06	1.333333Y	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	ALL	402188.9	3781289	3.01E-06	1.333333Y	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	ALL	402208.9	3781289	2.92E-06	1.333333Y	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	ALL	402228.9	3781289	2.82E-06	1.333333Y	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	ALL	402248.9	3781289	2.73E-06	1.333333Y	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1343	ALL	402268.9	3781289	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	ALL	402288.9	3781289	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	ALL	402308.9	3781289	2.45E-06	1.333333Y	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	ALL	402328.9	3781289	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	ALL	402348.9	3781289	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	ALL	402368.9	3781289	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	ALL	402388.9	3781289	2.12E-06	1.333333Y	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	ALL	402408.9	3781289	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1351	ALL	402428.9	3781289	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	ALL	402448.9	3781289	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	ALL	402468.9	3781289	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	ALL	402488.9	3781289	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	ALL	402508.9	3781289	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	ALL	401308.9	3781309	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	ALL	401328.9	3781309	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	ALL	401348.9	3781309	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	ALL	401368.9	3781309	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	ALL	401388.9	3781309	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	ALL	401408.9	3781309	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	ALL	401428.9	3781309	2.15E-06	1.333333Y	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	ALL	401448.9	3781309	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	ALL	401468.9	3781309	2.32E-06	1.333333Y	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1365	ALL	401488.9	3781309	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366	ALL	401508.9	3781309	2.50E-06	1.333333Y	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367	ALL	401528.9	3781309	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368	ALL	401548.9	3781309	2.69E-06	1.333333Y	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369	ALL	401568.9	3781309	2.80E-06	1.333333Y	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370	ALL	401588.9	3781309	2.90E-06	1.333333Y	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371	ALL	401608.9	3781309	3.00E-06	1.333333Y	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372	ALL	401628.9	3781309	3.11E-06	1.333333Y	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373	ALL	401648.9	3781309	3.22E-06	1.333333Y	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374	ALL	401668.9	3781309	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375	ALL	401688.9	3781309	3.43E-06	1.333333Y	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376	ALL	401708.9	3781309	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377	ALL	401728.9	3781309	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378	ALL	401748.9	3781309	3.74E-06	1.333333Y	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379	ALL	401768.9	3781309	3.84E-06	1.333333Y	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380	ALL	401788.9	3781309	3.92E-06	1.333333Y	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381	ALL	401808.9	3781309	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382	ALL	401828.9	3781309	4.06E-06	1.333333Y	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383	ALL	401848.9	3781309	4.10E-06	1.333333Y	4.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384	ALL	401868.9	3781309	4.14E-06	1.333333Y	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385	ALL	401888.9	3781309	4.17E-06	1.333333Y	4.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386	ALL	401908.9	3781309	4.18E-06	1.333333Y	4.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387	ALL	401928.9	3781309	4.16E-06	1.333333Y	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388	ALL	401948.9	3781309	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389	ALL	401968.9	3781309	4.10E-06	1.333333Y	4.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390	ALL	401988.9	3781309	4.06E-06	1.333333Y	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1391	ALL	402008.9	3781309	4.01E-06	1.333333Y	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392	ALL	402028.9	3781309	3.94E-06	1.333333Y	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393	ALL	402048.9	3781309	3.88E-06	1.333333Y	3.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394	ALL	402068.9	3781309	3.82E-06	1.333333Y	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395	ALL	402088.9	3781309	3.74E-06	1.333333Y	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1396	ALL	402108.9	3781309	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1397	ALL	402128.9	3781309	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398	ALL	402148.9	3781309	3.44E-06	1.333333Y	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1399	ALL	402168.9	3781309	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400	ALL	402188.9	3781309	3.22E-06	1.333333Y	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401	ALL	402208.9	3781309	3.10E-06	1.333333Y	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402	ALL	402228.9	3781309	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403	ALL	402248.9	3781309	2.89E-06	1.333333Y	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404	ALL	402268.9	3781309	2.78E-06	1.333333Y	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405	ALL	402288.9	3781309	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406	ALL	402308.9	3781309	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407	ALL	402328.9	3781309	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408	ALL	402348.9	3781309	2.40E-06	1.333333Y	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1409	ALL	402368.9	3781309	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410	ALL	402388.9	3781309	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411	ALL	402408.9	3781309	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412	ALL	402428.9	3781309	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413	ALL	402448.9	3781309	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1414	ALL	402468.9	3781309	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415	ALL	402488.9	3781309	1.82E-06	1.333333Y	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416	ALL	402508.9	3781309	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417	ALL	401308.9	3781329	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418	ALL	401328.9	3781329	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419	ALL	401348.9	3781329	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1420	ALL	401368.9	3781329	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421	ALL	401388.9	3781329	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422	ALL	401408.9	3781329	2.16E-06	1.333333Y	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423	ALL	401428.9	3781329	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424	ALL	401448.9	3781329	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425	ALL	401468.9	3781329	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426	ALL	401488.9	3781329	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427	ALL	401508.9	3781329	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428	ALL	401528.9	3781329	2.73E-06	1.333333Y	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429	ALL	401548.9	3781329	2.83E-06	1.333333Y	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430	ALL	401568.9	3781329	2.95E-06	1.333333Y	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431	ALL	401588.9	3781329	3.07E-06	1.333333Y	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1432	ALL	401608.9	3781329	3.19E-06	1.333333Y	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1433	ALL	401628.9	3781329	3.31E-06	1.333333Y	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434	ALL	401648.9	3781329	3.44E-06	1.333333Y	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435	ALL	401668.9	3781329	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436	ALL	401688.9	3781329	3.69E-06	1.333333Y	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437	ALL	401708.9	3781329	3.81E-06	1.333333Y	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438	ALL	401728.9	3781329	3.92E-06	1.333333Y	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1439	ALL	401748.9	3781329	4.03E-06	1.333333Y	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440	ALL	401768.9	3781329	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1441	ALL	401788.9	3781329	4.25E-06	1.333333Y	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442	ALL	401808.9	3781329	4.34E-06	1.333333Y	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443	ALL	401828.9	3781329	4.42E-06	1.333333Y	4.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444	ALL	401848.9	3781329	4.46E-06	1.333333Y	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445	ALL	401868.9	3781329	4.51E-06	1.333333Y	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446	ALL	401888.9	3781329	4.54E-06	1.333333Y	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447	ALL	401908.9	3781329	4.55E-06	1.333333Y	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448	ALL	401928.9	3781329	4.55E-06	1.333333Y	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449	ALL	401948.9	3781329	4.56E-06	1.333333Y	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450	ALL	401968.9	3781329	4.50E-06	1.333333Y	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451	ALL	401988.9	3781329	4.44E-06	1.333333Y	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452	ALL	402008.9	3781329	4.38E-06	1.333333Y	4.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453	ALL	402028.9	3781329	4.30E-06	1.333333Y	4.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454	ALL	402048.9	3781329	4.21E-06	1.333333Y	4.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1455	ALL	402068.9	3781329	4.14E-06	1.333333Y	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1456	ALL	402088.9	3781329	4.05E-06	1.333333Y	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457	ALL	402108.9	3781329	3.92E-06	1.333333Y	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458	ALL	402128.9	3781329	3.82E-06	1.333333Y	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459	ALL	402148.9	3781329	3.68E-06	1.333333Y	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460	ALL	402168.9	3781329	3.56E-06	1.333333Y	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461	ALL	402188.9	3781329	3.43E-06	1.333333Y	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462	ALL	402208.9	3781329	3.31E-06	1.333333Y	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463	ALL	402228.9	3781329	3.18E-06	1.333333Y	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464	ALL	402248.9	3781329	3.06E-06	1.333333Y	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465	ALL	402268.9	3781329	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466	ALL	402288.9	3781329	2.83E-06	1.333333Y	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467	ALL	402308.9	3781329	2.72E-06	1.333333Y	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468	ALL	402328.9	3781329	2.61E-06	1.333333Y	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469	ALL	402348.9	3781329	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470	ALL	402368.9	3781329	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471	ALL	402388.9	3781329	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472	ALL	402408.9	3781329	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1473	ALL	402428.9	3781329	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474	ALL	402448.9	3781329	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475	ALL	402468.9	3781329	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476	ALL	402488.9	3781329	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477	ALL	402508.9	3781329	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478	ALL	401308.9	3781349	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479	ALL	401328.9	3781349	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480	ALL	401348.9	3781349	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481	ALL	401368.9	3781349	2.06E-06	1.333333Y	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482	ALL	401388.9	3781349	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483	ALL	401408.9	3781349	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484	ALL	401428.9	3781349	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1485	ALL	401448.9	3781349	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1486	ALL	401468.9	3781349	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1487	ALL	401488.9	3781349	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488	ALL	401508.9	3781349	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489	ALL	401528.9	3781349	2.87E-06	1.333333Y	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490	ALL	401548.9	3781349	2.97E-06	1.333333Y	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491	ALL	401568.9	3781349	3.11E-06	1.333333Y	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492	ALL	401588.9	3781349	3.24E-06	1.333333Y	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493	ALL	401608.9	3781349	3.38E-06	1.333333Y	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494	ALL	401628.9	3781349	3.52E-06	1.333333Y	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495	ALL	401648.9	3781349	3.66E-06	1.333333Y	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496	ALL	401668.9	3781349	3.80E-06	1.333333Y	3.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497	ALL	401688.9	3781349	3.94E-06	1.333333Y	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498	ALL	401708.9	3781349	4.09E-06	1.333333Y	4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499	ALL	401728.9	3781349	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500	ALL	401748.9	3781349	4.36E-06	1.333333Y	4.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501	ALL	401768.9	3781349	4.49E-06	1.333333Y	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502	ALL	401788.9	3781349	4.60E-06	1.333333Y	4.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503	ALL	401808.9	3781349	4.71E-06	1.333333Y	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504	ALL	401828.9	3781349	4.81E-06	1.333333Y	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505	ALL	401848.9	3781349	4.88E-06	1.333333Y	4.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506	ALL	401868.9	3781349	4.93E-06	1.333333Y	4.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507	ALL	401888.9	3781349	4.98E-06	1.333333Y	4.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508	ALL	401908.9	3781349	4.99E-06	1.333333Y	4.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509	ALL	401928.9	3781349	4.99E-06	1.333333Y	4.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510	ALL	401948.9	3781349	4.97E-06	1.333333Y	4.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1511	ALL	401968.9	3781349	4.93E-06	1.333333Y	4.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512	ALL	401988.9	3781349	4.86E-06	1.333333Y	4.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513	ALL	402008.9	3781349	4.79E-06	1.333333Y	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514	ALL	402028.9	3781349	4.70E-06	1.333333Y	4.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1515	ALL	402048.9	3781349	4.60E-06	1.333333Y	4.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516	ALL	402068.9	3781349	4.50E-06	1.333333Y	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517	ALL	402088.9	3781349	4.39E-06	1.333333Y	4.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518	ALL	402108.9	3781349	4.26E-06	1.333333Y	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1519	ALL	402128.9	3781349	4.12E-06	1.333333Y	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520	ALL	402148.9	3781349	3.98E-06	1.333333Y	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521	ALL	402168.9	3781349	3.83E-06	1.333333Y	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522	ALL	402188.9	3781349	3.68E-06	1.333333Y	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523	ALL	402208.9	3781349	3.53E-06	1.333333Y	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524	ALL	402228.9	3781349	3.39E-06	1.333333Y	3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525	ALL	402248.9	3781349	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526	ALL	402268.9	3781349	3.12E-06	1.333333Y	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527	ALL	402288.9	3781349	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528	ALL	402308.9	3781349	2.86E-06	1.333333Y	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529	ALL	402328.9	3781349	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530	ALL	402348.9	3781349	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1531	ALL	402368.9	3781349	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532	ALL	402388.9	3781349	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533	ALL	402408.9	3781349	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534	ALL	402428.9	3781349	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1535	ALL	402448.9	3781349	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	ALL	402468.9	3781349	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1537	ALL	402488.9	3781349	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1538	ALL	402508.9	3781349	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	ALL	401308.9	3781369	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	ALL	401328.9	3781369	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	ALL	401348.9	3781369	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	ALL	401368.9	3781369	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	ALL	401388.9	3781369	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	ALL	401408.9	3781369	2.32E-06	1.333333Y	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	ALL	401428.9	3781369	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	ALL	401448.9	3781369	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1547	ALL	401468.9	3781369	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548	ALL	401488.9	3781369	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549	ALL	401508.9	3781369	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550	ALL	401528.9	3781369	3.01E-06	1.333333Y	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551	ALL	401548.9	3781369	3.13E-06	1.333333Y	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552	ALL	401568.9	3781369	3.28E-06	1.333333Y	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553	ALL	401588.9	3781369	3.43E-06	1.333333Y	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554	ALL	401608.9	3781369	3.58E-06	1.333333Y	3.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555	ALL	401628.9	3781369	3.74E-06	1.333333Y	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556	ALL	401648.9	3781369	3.90E-06	1.333333Y	3.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557	ALL	401668.9	3781369	4.07E-06	1.333333Y	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558	ALL	401688.9	3781369	4.24E-06	1.333333Y	4.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559	ALL	401708.9	3781369	4.41E-06	1.333333Y	4.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560	ALL	401728.9	3781369	4.57E-06	1.333333Y	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561	ALL	401748.9	3781369	4.73E-06	1.333333Y	4.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562	ALL	401768.9	3781369	4.89E-06	1.333333Y	4.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563	ALL	401788.9	3781369	5.03E-06	1.333333Y	5.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564	ALL	401808.9	3781369	5.16E-06	1.333333Y	5.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565	ALL	401828.9	3781369	5.26E-06	1.333333Y	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566	ALL	401848.9	3781369	5.36E-06	1.333333Y	5.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1567	ALL	401868.9	3781369	5.42E-06	1.333333Y	5.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568	ALL	401888.9	3781369	5.47E-06	1.333333Y	5.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569	ALL	401908.9	3781369	5.49E-06	1.333333Y	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570	ALL	401928.9	3781369	5.50E-06	1.333333Y	5.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571	ALL	401948.9	3781369	5.48E-06	1.333333Y	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572	ALL	401968.9	3781369	5.44E-06	1.333333Y	5.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573	ALL	401988.9	3781369	5.34E-06	1.333333Y	5.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574	ALL	402008.9	3781369	5.26E-06	1.333333Y	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575	ALL	402028.9	3781369	5.15E-06	1.333333Y	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1576	ALL	402048.9	3781369	5.02E-06	1.333333Y	5.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577	ALL	402068.9	3781369	4.90E-06	1.333333Y	4.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1578	ALL	402088.9	3781369	4.77E-06	1.333333Y	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1579	ALL	402108.9	3781369	4.63E-06	1.333333Y	4.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1580	ALL	402128.9	3781369	4.47E-06	1.333333Y	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1581	ALL	402148.9	3781369	4.30E-06	1.333333Y	4.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1582	ALL	402168.9	3781369	4.13E-06	1.333333Y	4.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1583	ALL	402188.9	3781369	3.94E-06	1.333333Y	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1584	ALL	402208.9	3781369	3.77E-06	1.333333Y	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1585	ALL	402228.9	3781369	3.61E-06	1.333333Y	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1586	ALL	402248.9	3781369	3.46E-06	1.333333Y	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1587	ALL	402268.9	3781369	3.31E-06	1.333333Y	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1588	ALL	402288.9	3781369	3.16E-06	1.333333Y	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1589	ALL	402308.9	3781369	3.02E-06	1.333333Y	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1590	ALL	402328.9	3781369	2.89E-06	1.333333Y	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1591	ALL	402348.9	3781369	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1592	ALL	402368.9	3781369	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1593	ALL	402388.9	3781369	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1594	ALL	402408.9	3781369	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1595	ALL	402428.9	3781369	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1596	ALL	402448.9	3781369	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1597	ALL	402468.9	3781369	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1598	ALL	402488.9	3781369	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1599	ALL	402508.9	3781369	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600	ALL	401308.9	3781389	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1601	ALL	401328.9	3781389	2.02E-06	1.333333Y	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1602	ALL	401348.9	3781389	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1603	ALL	401368.9	3781389	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1604	ALL	401388.9	3781389	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1605	ALL	401408.9	3781389	2.40E-06	1.333333Y	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1606	ALL	401428.9	3781389	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1607	ALL	401448.9	3781389	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608	ALL	401468.9	3781389	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1609	ALL	401488.9	3781389	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1610	ALL	401508.9	3781389	3.02E-06	1.333333Y	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1611	ALL	401528.9	3781389	3.16E-06	1.333333Y	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1612	ALL	401548.9	3781389	3.29E-06	1.333333Y	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1613	ALL	401568.9	3781389	3.46E-06	1.333333Y	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1614	ALL	401588.9	3781389	3.63E-06	1.333333Y	3.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1615	ALL	401608.9	3781389	3.80E-06	1.333333Y	3.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1616	ALL	401628.9	3781389	3.98E-06	1.333333Y	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1617	ALL	401648.9	3781389	4.16E-06	1.333333Y	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1618	ALL	401668.9	3781389	4.37E-06	1.333333Y	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1619	ALL	401688.9	3781389	4.57E-06	1.333333Y	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1620	ALL	401708.9	3781389	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1621	ALL	401728.9	3781389	4.97E-06	1.333333Y	4.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1622	ALL	401748.9	3781389	5.15E-06	1.333333Y	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1623	ALL	401768.9	3781389	5.34E-06	1.333333Y	5.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1624	ALL	401788.9	3781389	5.51E-06	1.333333Y	5.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1625	ALL	401808.9	3781389	5.67E-06	1.333333Y	5.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1626	ALL	401828.9	3781389	5.80E-06	1.333333Y	5.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1627	ALL	401848.9	3781389	5.92E-06	1.333333Y	5.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1628	ALL	401868.9	3781389	5.99E-06	1.333333Y	5.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1629	ALL	401888.9	3781389	6.08E-06	1.333333Y	6.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1630	ALL	401908.9	3781389	6.10E-06	1.333333Y	6.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1631	ALL	401928.9	3781389	6.08E-06	1.333333Y	6.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1632	ALL	401948.9	3781389	6.08E-06	1.333333Y	6.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1633	ALL	401968.9	3781389	6.01E-06	1.333333Y	6.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1634	ALL	401988.9	3781389	5.93E-06	1.333333Y	5.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1635	ALL	402008.9	3781389	5.81E-06	1.333333Y	5.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1636	ALL	402028.9	3781389	5.69E-06	1.333333Y	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1637	ALL	402048.9	3781389	5.54E-06	1.333333Y	5.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1638	ALL	402068.9	3781389	5.40E-06	1.333333Y	5.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1639	ALL	402088.9	3781389	5.23E-06	1.333333Y	5.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1640	ALL	402108.9	3781389	5.06E-06	1.333333Y	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1641	ALL	402128.9	3781389	4.87E-06	1.333333Y	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1642	ALL	402148.9	3781389	4.67E-06	1.333333Y	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1643	ALL	402168.9	3781389	4.46E-06	1.333333Y	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1644	ALL	402188.9	3781389	4.26E-06	1.333333Y	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1645	ALL	402208.9	3781389	4.05E-06	1.333333Y	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1646	ALL	402228.9	3781389	3.87E-06	1.333333Y	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647	ALL	402248.9	3781389	3.69E-06	1.333333Y	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1648	ALL	402268.9	3781389	3.51E-06	1.333333Y	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1649	ALL	402288.9	3781389	3.35E-06	1.333333Y	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650	ALL	402308.9	3781389	3.19E-06	1.333333Y	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1651	ALL	402328.9	3781389	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1652	ALL	402348.9	3781389	2.90E-06	1.333333Y	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1653	ALL	402368.9	3781389	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1654	ALL	402388.9	3781389	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1655	ALL	402408.9	3781389	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1656	ALL	402428.9	3781389	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1657	ALL	402448.9	3781389	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1658	ALL	402468.9	3781389	2.19E-06	1.333333Y	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1659	ALL	402488.9	3781389	2.12E-06	1.333333Y	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1660	ALL	402508.9	3781389	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1661	ALL	401308.9	3781409	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1662	ALL	401328.9	3781409	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1663	ALL	401348.9	3781409	2.17E-06	1.333333Y	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1664	ALL	401368.9	3781409	2.27E-06	1.333333Y	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1665	ALL	401388.9	3781409	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1666	ALL	401408.9	3781409	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1667	ALL	401428.9	3781409	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1668	ALL	401448.9	3781409	2.73E-06	1.333333Y	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1669	ALL	401468.9	3781409	2.86E-06	1.333333Y	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1670	ALL	401488.9	3781409	3.01E-06	1.333333Y	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1671	ALL	401508.9	3781409	3.15E-06	1.333333Y	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1672	ALL	401528.9	3781409	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1673	ALL	401548.9	3781409	3.46E-06	1.333333Y	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1674	ALL	401568.9	3781409	3.65E-06	1.333333Y	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1675	ALL	401588.9	3781409	3.86E-06	1.333333Y	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1676	ALL	401608.9	3781409	4.03E-06	1.333333Y	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1677	ALL	401628.9	3781409	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1678	ALL	401648.9	3781409	4.46E-06	1.333333Y	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1679	ALL	401668.9	3781409	4.69E-06	1.333333Y	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1680	ALL	401688.9	3781409	4.92E-06	1.333333Y	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1681	ALL	401708.9	3781409	5.16E-06	1.333333Y	5.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1682	ALL	401728.9	3781409	5.40E-06	1.333333Y	5.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1683	ALL	401748.9	3781409	5.62E-06	1.333333Y	5.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1684	ALL	401768.9	3781409	5.84E-06	1.333333Y	5.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1685	ALL	401788.9	3781409	6.06E-06	1.333333Y	6.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1686	ALL	401808.9	3781409	6.25E-06	1.333333Y	6.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1687	ALL	401828.9	3781409	6.43E-06	1.333333Y	6.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1688	ALL	401848.9	3781409	6.57E-06	1.333333Y	6.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1689	ALL	401868.9	3781409	6.66E-06	1.333333Y	6.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1690	ALL	401888.9	3781409	6.76E-06	1.333333Y	6.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1691	ALL	401908.9	3781409	6.81E-06	1.333333Y	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1692	ALL	401928.9	3781409	6.81E-06	1.333333Y	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1693	ALL	401948.9	3781409	6.78E-06	1.333333Y	6.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1694	ALL	401968.9	3781409	6.72E-06	1.333333Y	6.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1695	ALL	401988.9	3781409	6.62E-06	1.333333Y	6.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1696	ALL	402008.9	3781409	6.48E-06	1.333333Y	6.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1697	ALL	402028.9	3781409	6.32E-06	1.333333Y	6.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1698	ALL	402048.9	3781409	6.14E-06	1.333333Y	6.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1699	ALL	402068.9	3781409	5.95E-06	1.333333Y	5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700	ALL	402088.9	3781409	5.74E-06	1.333333Y	5.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1701	ALL	402108.9	3781409	5.54E-06	1.333333Y	5.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1702	ALL	402128.9	3781409	5.33E-06	1.333333Y	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1703	ALL	402148.9	3781409	5.08E-06	1.333333Y	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1704	ALL	402168.9	3781409	4.83E-06	1.333333Y	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1705	ALL	402188.9	3781409	4.59E-06	1.333333Y	4.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1706	ALL	402208.9	3781409	4.35E-06	1.333333Y	4.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1707	ALL	402228.9	3781409	4.14E-06	1.333333Y	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1708	ALL	402248.9	3781409	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1709	ALL	402268.9	3781409	3.74E-06	1.333333Y	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1710	ALL	402288.9	3781409	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1711	ALL	402308.9	3781409	3.37E-06	1.333333Y	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1712	ALL	402328.9	3781409	3.20E-06	1.333333Y	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1713	ALL	402348.9	3781409	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1714	ALL	402368.9	3781409	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1715	ALL	402388.9	3781409	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1716	ALL	402408.9	3781409	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1717	ALL	402428.9	3781409	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1718	ALL	402448.9	3781409	2.40E-06	1.333333Y	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1719	ALL	402468.9	3781409	2.28E-06	1.333333Y	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1720	ALL	402488.9	3781409	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1721	ALL	402508.9	3781409	2.12E-06	1.333333Y	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1722	ALL	401308.9	3781429	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1723	ALL	401328.9	3781429	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1724	ALL	401348.9	3781429	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1725	ALL	401368.9	3781429	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1726	ALL	401388.9	3781429	2.45E-06	1.333333Y	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1727	ALL	401408.9	3781429	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1728	ALL	401428.9	3781429	2.71E-06	1.333333Y	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1729	ALL	401448.9	3781429	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1730	ALL	401468.9	3781429	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1731	ALL	401488.9	3781429	3.14E-06	1.333333Y	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1732	ALL	401508.9	3781429	3.30E-06	1.333333Y	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1733	ALL	401528.9	3781429	3.48E-06	1.333333Y	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1734	ALL	401548.9	3781429	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1735	ALL	401568.9	3781429	3.86E-06	1.333333Y	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1736	ALL	401588.9	3781429	4.09E-06	1.333333Y	4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1737	ALL	401608.9	3781429	4.30E-06	1.333333Y	4.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1738	ALL	401628.9	3781429	4.54E-06	1.333333Y	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1739	ALL	401648.9	3781429	4.79E-06	1.333333Y	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1740	ALL	401668.9	3781429	5.06E-06	1.333333Y	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1741	ALL	401688.9	3781429	5.31E-06	1.333333Y	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1742	ALL	401708.9	3781429	5.59E-06	1.333333Y	5.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1743	ALL	401728.9	3781429	5.87E-06	1.333333Y	5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1744	ALL	401748.9	3781429	6.16E-06	1.333333Y	6.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1745	ALL	401768.9	3781429	6.45E-06	1.333333Y	6.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1746	ALL	401788.9	3781429	6.71E-06	1.333333Y	6.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1747	ALL	401808.9	3781429	6.95E-06	1.333333Y	6.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1748	ALL	401828.9	3781429	7.17E-06	1.333333Y	7.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1749	ALL	401848.9	3781429	7.35E-06	1.333333Y	7.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1750	ALL	401868.9	3781429	7.48E-06	1.333333Y	7.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1751	ALL	401888.9	3781429	7.60E-06	1.333333Y	7.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1752	ALL	401908.9	3781429	7.67E-06	1.333333Y	7.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1753	ALL	401928.9	3781429	7.72E-06	1.333333Y	7.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754	ALL	401948.9	3781429	7.71E-06	1.333333Y	7.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1755	ALL	401968.9	3781429	7.60E-06	1.333333Y	7.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1756	ALL	401988.9	3781429	7.47E-06	1.333333Y	7.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1757	ALL	402008.9	3781429	7.27E-06	1.333333Y	7.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1758	ALL	402028.9	3781429	7.07E-06	1.333333Y	7.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1759	ALL	402048.9	3781429	6.86E-06	1.333333Y	6.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1760	ALL	402068.9	3781429	6.60E-06	1.333333Y	6.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1761	ALL	402088.9	3781429	6.35E-06	1.333333Y	6.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1762	ALL	402108.9	3781429	6.10E-06	1.333333Y	6.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1763	ALL	402128.9	3781429	5.83E-06	1.333333Y	5.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1764	ALL	402148.9	3781429	5.55E-06	1.333333Y	5.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1765	ALL	402168.9	3781429	5.26E-06	1.333333Y	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1766	ALL	402188.9	3781429	4.96E-06	1.333333Y	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1767	ALL	402208.9	3781429	4.69E-06	1.333333Y	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1768	ALL	402228.9	3781429	4.43E-06	1.333333Y	4.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1769	ALL	402248.9	3781429	4.19E-06	1.333333Y	4.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1770	ALL	402268.9	3781429	3.97E-06	1.333333Y	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1771	ALL	402288.9	3781429	3.76E-06	1.333333Y	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1772	ALL	402308.9	3781429	3.56E-06	1.333333Y	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1773	ALL	402328.9	3781429	3.37E-06	1.333333Y	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1774	ALL	402348.9	3781429	3.19E-06	1.333333Y	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1775	ALL	402368.9	3781429	3.02E-06	1.333333Y	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1776	ALL	402388.9	3781429	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1777	ALL	402408.9	3781429	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1778	ALL	402428.9	3781429	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1779	ALL	402448.9	3781429	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1780	ALL	402468.9	3781429	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781	ALL	402488.9	3781429	2.27E-06	1.333333Y	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1782	ALL	402508.9	3781429	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1783	ALL	401308.9	3781449	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1784	ALL	401328.9	3781449	2.19E-06	1.333333Y	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1785	ALL	401348.9	3781449	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1786	ALL	401368.9	3781449	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1787	ALL	401388.9	3781449	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1788	ALL	401408.9	3781449	2.66E-06	1.333333Y	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1789	ALL	401428.9	3781449	2.80E-06	1.333333Y	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1790	ALL	401448.9	3781449	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1791	ALL	401468.9	3781449	3.10E-06	1.333333Y	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1792	ALL	401488.9	3781449	3.28E-06	1.333333Y	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1793	ALL	401508.9	3781449	3.45E-06	1.333333Y	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1794	ALL	401528.9	3781449	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1795	ALL	401548.9	3781449	3.83E-06	1.333333Y	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1796	ALL	401568.9	3781449	4.07E-06	1.333333Y	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1797	ALL	401588.9	3781449	4.33E-06	1.333333Y	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1798	ALL	401608.9	3781449	4.56E-06	1.333333Y	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1799	ALL	401628.9	3781449	4.85E-06	1.333333Y	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800	ALL	401648.9	3781449	5.14E-06	1.333333Y	5.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1801	ALL	401668.9	3781449	5.45E-06	1.333333Y	5.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1802	ALL	401688.9	3781449	5.78E-06	1.333333Y	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1803	ALL	401708.9	3781449	6.10E-06	1.333333Y	6.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1804	ALL	401728.9	3781449	6.44E-06	1.333333Y	6.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1805	ALL	401748.9	3781449	6.80E-06	1.333333Y	6.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1806	ALL	401768.9	3781449	7.14E-06	1.333333Y	7.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1807	ALL	401788.9	3781449	7.47E-06	1.333333Y	7.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1808	ALL	401808.9	3781449	7.77E-06	1.333333Y	7.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1809	ALL	401828.9	3781449	8.04E-06	1.333333Y	8.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1810	ALL	401848.9	3781449	8.29E-06	1.333333Y	8.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1811	ALL	401868.9	3781449	8.47E-06	1.333333Y	8.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1812	ALL	401888.9	3781449	8.63E-06	1.333333Y	8.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1813	ALL	401908.9	3781449	8.71E-06	1.333333Y	8.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1814	ALL	401928.9	3781449	8.77E-06	1.333333Y	8.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815	ALL	401948.9	3781449	8.70E-06	1.333333Y	8.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1816	ALL	401968.9	3781449	8.61E-06	1.333333Y	8.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1817	ALL	401988.9	3781449	8.44E-06	1.333333Y	8.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1818	ALL	402008.9	3781449	8.23E-06	1.333333Y	8.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1819	ALL	402028.9	3781449	8.01E-06	1.333333Y	8.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1820	ALL	402048.9	3781449	7.73E-06	1.333333Y	7.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821	ALL	402068.9	3781449	7.42E-06	1.333333Y	7.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1822	ALL	402088.9	3781449	7.10E-06	1.333333Y	7.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1823	ALL	402108.9	3781449	6.77E-06	1.333333Y	6.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1824	ALL	402128.9	3781449	6.45E-06	1.333333Y	6.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1825	ALL	402148.9	3781449	6.11E-06	1.333333Y	6.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826	ALL	402168.9	3781449	5.74E-06	1.333333Y	5.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1827	ALL	402188.9	3781449	5.39E-06	1.333333Y	5.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1828	ALL	402208.9	3781449	5.06E-06	1.333333Y	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1829	ALL	402228.9	3781449	4.77E-06	1.333333Y	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1830	ALL	402248.9	3781449	4.49E-06	1.333333Y	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1831	ALL	402268.9	3781449	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1832	ALL	402288.9	3781449	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1833	ALL	402308.9	3781449	3.76E-06	1.333333Y	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1834	ALL	402328.9	3781449	3.56E-06	1.333333Y	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1835	ALL	402348.9	3781449	3.35E-06	1.333333Y	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1836	ALL	402368.9	3781449	3.18E-06	1.333333Y	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1837	ALL	402388.9	3781449	3.02E-06	1.333333Y	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1838	ALL	402408.9	3781449	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1839	ALL	402428.9	3781449	2.73E-06	1.333333Y	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1840	ALL	402448.9	3781449	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1841	ALL	402468.9	3781449	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1842	ALL	402488.9	3781449	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1843	ALL	402508.9	3781449	2.28E-06	1.333333Y	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1844	ALL	401308.9	3781469	2.15E-06	1.333333Y	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1845	ALL	401328.9	3781469	2.25E-06	1.333333Y	2.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1846	ALL	401348.9	3781469	2.36E-06	1.333333Y	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1847	ALL	401368.9	3781469	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1848	ALL	401388.9	3781469	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1849	ALL	401408.9	3781469	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1850	ALL	401428.9	3781469	2.89E-06	1.333333Y	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1851	ALL	401448.9	3781469	3.05E-06	1.333333Y	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1852	ALL	401468.9	3781469	3.22E-06	1.333333Y	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1853	ALL	401488.9	3781469	3.41E-06	1.333333Y	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1854	ALL	401508.9	3781469	3.60E-06	1.333333Y	3.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1855	ALL	401528.9	3781469	3.82E-06	1.333333Y	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1856	ALL	401548.9	3781469	4.03E-06	1.333333Y	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1857	ALL	401568.9	3781469	4.29E-06	1.333333Y	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1858	ALL	401588.9	3781469	4.58E-06	1.333333Y	4.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1859	ALL	401608.9	3781469	4.85E-06	1.333333Y	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1860	ALL	401628.9	3781469	5.18E-06	1.333333Y	5.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1861	ALL	401648.9	3781469	5.53E-06	1.333333Y	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1862	ALL	401668.9	3781469	5.90E-06	1.333333Y	5.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1863	ALL	401688.9	3781469	6.26E-06	1.333333Y	6.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1864	ALL	401708.9	3781469	6.67E-06	1.333333Y	6.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1865	ALL	401728.9	3781469	7.09E-06	1.333333Y	7.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1866	ALL	401748.9	3781469	7.55E-06	1.333333Y	7.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1867	ALL	401768.9	3781469	7.98E-06	1.333333Y	7.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1868	ALL	401788.9	3781469	8.40E-06	1.333333Y	8.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1869	ALL	401808.9	3781469	8.79E-06	1.333333Y	8.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1870	ALL	401828.9	3781469	9.15E-06	1.333333Y	9.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1871	ALL	401848.9	3781469	9.47E-06	1.333333Y	9.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1872	ALL	401868.9	3781469	9.70E-06	1.333333Y	9.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1873	ALL	401888.9	3781469	9.91E-06	1.333333Y	9.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1874	ALL	401908.9	3781469	1.00E-05	1.333333Y	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1875	ALL	401928.9	3781469	9.99E-06	1.333333Y	9.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1876	ALL	401948.9	3781469	9.96E-06	1.333333Y	9.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1877	ALL	401968.9	3781469	9.87E-06	1.333333Y	9.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1878	ALL	401988.9	3781469	9.67E-06	1.333333Y	9.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1879	ALL	402008.9	3781469	9.42E-06	1.333333Y	9.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1880	ALL	402028.9	3781469	9.13E-06	1.333333Y	9.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1881	ALL	402048.9	3781469	8.78E-06	1.333333Y	8.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1882	ALL	402068.9	3781469	8.38E-06	1.333333Y	8.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1883	ALL	402088.9	3781469	7.98E-06	1.333333Y	7.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1884	ALL	402108.9	3781469	7.57E-06	1.333333Y	7.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1885	ALL	402128.9	3781469	7.16E-06	1.333333Y	7.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1886	ALL	402148.9	3781469	6.72E-06	1.333333Y	6.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1887	ALL	402168.9	3781469	6.30E-06	1.333333Y	6.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1888	ALL	402188.9	3781469	5.89E-06	1.333333Y	5.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1889	ALL	402208.9	3781469	5.48E-06	1.333333Y	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1890	ALL	402228.9	3781469	5.14E-06	1.333333Y	5.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1891	ALL	402248.9	3781469	4.81E-06	1.333333Y	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1892	ALL	402268.9	3781469	4.51E-06	1.333333Y	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1893	ALL	402288.9	3781469	4.24E-06	1.333333Y	4.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1894	ALL	402308.9	3781469	3.98E-06	1.333333Y	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1895	ALL	402328.9	3781469	3.75E-06	1.333333Y	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1896	ALL	402348.9	3781469	3.52E-06	1.333333Y	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1897	ALL	402368.9	3781469	3.34E-06	1.333333Y	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1898	ALL	402388.9	3781469	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1899	ALL	402408.9	3781469	3.01E-06	1.333333Y	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900	ALL	402428.9	3781469	2.86E-06	1.333333Y	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1901	ALL	402448.9	3781469	2.71E-06	1.333333Y	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1902	ALL	402468.9	3781469	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1903	ALL	402488.9	3781469	2.45E-06	1.333333Y	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1904	ALL	402508.9	3781469	2.35E-06	1.333333Y	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1905	ALL	401308.9	3781489	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1906	ALL	401328.9	3781489	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1907	ALL	401348.9	3781489	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1908	ALL	401368.9	3781489	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1909	ALL	401388.9	3781489	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1910	ALL	401408.9	3781489	2.83E-06	1.333333Y	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1911	ALL	401428.9	3781489	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1912	ALL	401448.9	3781489	3.16E-06	1.333333Y	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1913	ALL	401468.9	3781489	3.34E-06	1.333333Y	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1914	ALL	401488.9	3781489	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1915	ALL	401508.9	3781489	3.75E-06	1.333333Y	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1916	ALL	401528.9	3781489	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1917	ALL	401548.9	3781489	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1918	ALL	401568.9	3781489	4.52E-06	1.333333Y	4.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1919	ALL	401588.9	3781489	4.83E-06	1.333333Y	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1920	ALL	401608.9	3781489	5.15E-06	1.333333Y	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1921	ALL	401628.9	3781489	5.51E-06	1.333333Y	5.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1922	ALL	401648.9	3781489	5.92E-06	1.333333Y	5.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1923	ALL	401668.9	3781489	6.34E-06	1.333333Y	6.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1924	ALL	401688.9	3781489	6.81E-06	1.333333Y	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1925	ALL	401708.9	3781489	7.31E-06	1.333333Y	7.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1926	ALL	401728.9	3781489	7.82E-06	1.333333Y	7.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1927	ALL	401748.9	3781489	8.37E-06	1.333333Y	8.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1928	ALL	401768.9	3781489	8.95E-06	1.333333Y	8.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1929	ALL	401788.9	3781489	9.50E-06	1.333333Y	9.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1930	ALL	401808.9	3781489	1.00E-05	1.333333Y	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1931	ALL	401828.9	3781489	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1932	ALL	401848.9	3781489	1.09E-05	1.333333Y	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1933	ALL	401868.9	3781489	1.12E-05	1.333333Y	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1934	ALL	401888.9	3781489	1.15E-05	1.333333Y	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1935	ALL	401908.9	3781489	1.17E-05	1.333333Y	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1936	ALL	401928.9	3781489	1.17E-05	1.333333Y	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1937	ALL	401948.9	3781489	1.16E-05	1.333333Y	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1938	ALL	401968.9	3781489	1.15E-05	1.333333Y	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1939	ALL	401988.9	3781489	1.13E-05	1.333333Y	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1940	ALL	402008.9	3781489	1.09E-05	1.333333Y	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1941	ALL	402028.9	3781489	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1942	ALL	402048.9	3781489	1.01E-05	1.333333Y	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1943	ALL	402068.9	3781489	9.58E-06	1.333333Y	9.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1944	ALL	402088.9	3781489	9.04E-06	1.333333Y	9.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1945	ALL	402108.9	3781489	8.53E-06	1.333333Y	8.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1946	ALL	402128.9	3781489	7.97E-06	1.333333Y	7.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1947	ALL	402148.9	3781489	7.56E-06	1.333333Y	7.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1948	ALL	402168.9	3781489	7.04E-06	1.333333Y	7.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1949	ALL	402188.9	3781489	6.52E-06	1.333333Y	6.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1950	ALL	402208.9	3781489	5.95E-06	1.333333Y	5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1951	ALL	402228.9	3781489	5.53E-06	1.333333Y	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1952	ALL	402248.9	3781489	5.15E-06	1.333333Y	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1953	ALL	402268.9	3781489	4.81E-06	1.333333Y	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1954	ALL	402288.9	3781489	4.52E-06	1.333333Y	4.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1955	ALL	402308.9	3781489	4.22E-06	1.333333Y	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1956	ALL	402328.9	3781489	3.96E-06	1.333333Y	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1957	ALL	402348.9	3781489	3.72E-06	1.333333Y	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1958	ALL	402368.9	3781489	3.52E-06	1.333333Y	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1959	ALL	402388.9	3781489	3.34E-06	1.333333Y	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1960	ALL	402408.9	3781489	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1961	ALL	402428.9	3781489	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1962	ALL	402448.9	3781489	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1963	ALL	402468.9	3781489	2.70E-06	1.333333Y	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1964	ALL	402488.9	3781489	2.55E-06	1.333333Y	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1965	ALL	402508.9	3781489	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1966	ALL	401308.9	3781509	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1967	ALL	401328.9	3781509	2.35E-06	1.333333Y	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1968	ALL	401348.9	3781509	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1969	ALL	401368.9	3781509	2.61E-06	1.333333Y	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1970	ALL	401388.9	3781509	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1971	ALL	401408.9	3781509	2.91E-06	1.333333Y	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1972	ALL	401428.9	3781509	3.08E-06	1.333333Y	3.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1973	ALL	401448.9	3781509	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1974	ALL	401468.9	3781509	3.46E-06	1.333333Y	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1975	ALL	401488.9	3781509	3.68E-06	1.333333Y	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1976	ALL	401508.9	3781509	3.92E-06	1.333333Y	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1977	ALL	401528.9	3781509	4.18E-06	1.333333Y	4.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1978	ALL	401548.9	3781509	4.44E-06	1.333333Y	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1979	ALL	401568.9	3781509	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1980	ALL	401588.9	3781509	5.10E-06	1.333333Y	5.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1981	ALL	401608.9	3781509	5.47E-06	1.333333Y	5.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1982	ALL	401628.9	3781509	5.88E-06	1.333333Y	5.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1983	ALL	401648.9	3781509	6.35E-06	1.333333Y	6.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1984	ALL	401668.9	3781509	6.86E-06	1.333333Y	6.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1985	ALL	401688.9	3781509	7.40E-06	1.333333Y	7.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1986	ALL	401708.9	3781509	8.03E-06	1.333333Y	8.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1987	ALL	401728.9	3781509	8.73E-06	1.333333Y	8.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1988	ALL	401748.9	3781509	9.37E-06	1.333333Y	9.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1989	ALL	401768.9	3781509	1.01E-05	1.333333Y	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1990	ALL	401788.9	3781509	1.08E-05	1.333333Y	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1991	ALL	401808.9	3781509	1.15E-05	1.333333Y	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1992	ALL	401828.9	3781509	1.21E-05	1.333333Y	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1993	ALL	401848.9	3781509	1.28E-05	1.333333Y	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1994	ALL	401868.9	3781509	1.32E-05	1.333333Y	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1995	ALL	401888.9	3781509	1.36E-05	1.333333Y	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1996	ALL	401908.9	3781509	1.38E-05	1.333333Y	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1997	ALL	401928.9	3781509	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1998	ALL	401948.9	3781509	1.36E-05	1.333333Y	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1999	ALL	401968.9	3781509	1.35E-05	1.333333Y	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000	ALL	401988.9	3781509	1.32E-05	1.333333Y	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2001	ALL	402008.9	3781509	1.28E-05	1.333333Y	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2002	ALL	402028.9	3781509	1.23E-05	1.333333Y	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2003	ALL	402048.9	3781509	1.17E-05	1.333333Y	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2004	ALL	402068.9	3781509	1.11E-05	1.333333Y	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2005	ALL	402088.9	3781509	1.04E-05	1.333333Y	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2006	ALL	402108.9	3781509	9.69E-06	1.333333Y	9.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2007	ALL	402128.9	3781509	8.99E-06	1.333333Y	8.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2008	ALL	402148.9	3781509	8.38E-06	1.333333Y	8.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2009	ALL	402168.9	3781509	7.72E-06	1.333333Y	7.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2010	ALL	402188.9	3781509	7.11E-06	1.333333Y	7.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2011	ALL	402208.9	3781509	6.46E-06	1.333333Y	6.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2012	ALL	402228.9	3781509	5.97E-06	1.333333Y	5.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2013	ALL	402248.9	3781509	5.52E-06	1.333333Y	5.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2014	ALL	402268.9	3781509	5.12E-06	1.333333Y	5.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2015	ALL	402288.9	3781509	4.78E-06	1.333333Y	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2016	ALL	402308.9	3781509	4.47E-06	1.333333Y	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2017	ALL	402328.9	3781509	4.18E-06	1.333333Y	4.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2018	ALL	402348.9	3781509	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2019	ALL	402368.9	3781509	3.72E-06	1.333333Y	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2020	ALL	402388.9	3781509	3.51E-06	1.333333Y	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2021	ALL	402408.9	3781509	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2022	ALL	402428.9	3781509	3.13E-06	1.333333Y	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2023	ALL	402448.9	3781509	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2024	ALL	402468.9	3781509	2.82E-06	1.333333Y	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2025	ALL	402488.9	3781509	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2026	ALL	402508.9	3781509	2.57E-06	1.333333Y	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2027	ALL	401308.9	3781529	2.27E-06	1.333333Y	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2028	ALL	401328.9	3781529	2.39E-06	1.333333Y	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2029	ALL	401348.9	3781529	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2030	ALL	401368.9	3781529	2.67E-06	1.333333Y	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2031	ALL	401388.9	3781529	2.82E-06	1.333333Y	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2032	ALL	401408.9	3781529	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2033	ALL	401428.9	3781529	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2034	ALL	401448.9	3781529	3.36E-06	1.333333Y	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2035	ALL	401468.9	3781529	3.58E-06	1.333333Y	3.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2036	ALL	401488.9	3781529	3.82E-06	1.333333Y	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2037	ALL	401508.9	3781529	4.07E-06	1.333333Y	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2038	ALL	401528.9	3781529	4.36E-06	1.333333Y	4.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2039	ALL	401548.9	3781529	4.65E-06	1.333333Y	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2040	ALL	401568.9	3781529	5.00E-06	1.333333Y	5.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2041	ALL	401588.9	3781529	5.39E-06	1.333333Y	5.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2042	ALL	401608.9	3781529	5.80E-06	1.333333Y	5.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2043	ALL	401628.9	3781529	6.26E-06	1.333333Y	6.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2044	ALL	401648.9	3781529	6.81E-06	1.333333Y	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2045	ALL	401668.9	3781529	7.41E-06	1.333333Y	7.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2046	ALL	401688.9	3781529	8.08E-06	1.333333Y	8.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2047	ALL	401708.9	3781529	8.84E-06	1.333333Y	8.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2048	ALL	401728.9	3781529	9.72E-06	1.333333Y	9.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2049	ALL	401748.9	3781529	1.06E-05	1.333333Y	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2050	ALL	401768.9	3781529	1.15E-05	1.333333Y	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2051	ALL	401788.9	3781529	1.26E-05	1.333333Y	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2052	ALL	401808.9	3781529	1.35E-05	1.333333Y	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2053	ALL	401828.9	3781529	1.44E-05	1.333333Y	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2054	ALL	401848.9	3781529	1.52E-05	1.333333Y	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2055	ALL	401868.9	3781529	1.59E-05	1.333333Y	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2056	ALL	401888.9	3781529	1.64E-05	1.333333Y	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2057	ALL	401908.9	3781529	1.66E-05	1.333333Y	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2058	ALL	401928.9	3781529	1.68E-05	1.333333Y	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2059	ALL	401948.9	3781529	1.67E-05	1.333333Y	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2060	ALL	401968.9	3781529	1.65E-05	1.333333Y	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2061	ALL	401988.9	3781529	1.61E-05	1.333333Y	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2062	ALL	402008.9	3781529	1.54E-05	1.333333Y	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2063	ALL	402028.9	3781529	1.47E-05	1.333333Y	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2064	ALL	402048.9	3781529	1.39E-05	1.333333Y	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2065	ALL	402068.9	3781529	1.31E-05	1.333333Y	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2066	ALL	402088.9	3781529	1.21E-05	1.333333Y	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2067	ALL	402108.9	3781529	1.12E-05	1.333333Y	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2068	ALL	402128.9	3781529	1.02E-05	1.333333Y	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2069	ALL	402148.9	3781529	9.35E-06	1.333333Y	9.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2070	ALL	402168.9	3781529	8.51E-06	1.333333Y	8.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2071	ALL	402188.9	3781529	7.77E-06	1.333333Y	7.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2072	ALL	402208.9	3781529	7.04E-06	1.333333Y	7.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2073	ALL	402228.9	3781529	6.50E-06	1.333333Y	6.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2074	ALL	402248.9	3781529	5.98E-06	1.333333Y	5.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2075	ALL	402268.9	3781529	5.52E-06	1.333333Y	5.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2076	ALL	402288.9	3781529	5.12E-06	1.333333Y	5.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2077	ALL	402308.9	3781529	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2078	ALL	402328.9	3781529	4.44E-06	1.333333Y	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2079	ALL	402348.9	3781529	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2080	ALL	402368.9	3781529	3.94E-06	1.333333Y	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2081	ALL	402388.9	3781529	3.72E-06	1.333333Y	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2082	ALL	402408.9	3781529	3.51E-06	1.333333Y	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2083	ALL	402428.9	3781529	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2084	ALL	402448.9	3781529	3.15E-06	1.333333Y	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2085	ALL	402468.9	3781529	3.05E-06	1.333333Y	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2086	ALL	402488.9	3781529	2.89E-06	1.333333Y	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2087	ALL	402508.9	3781529	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2088	ALL	401308.9	3781549	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2089	ALL	401328.9	3781549	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2090	ALL	401348.9	3781549	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2091	ALL	401368.9	3781549	2.71E-06	1.333333Y	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2092	ALL	401388.9	3781549	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2093	ALL	401408.9	3781549	3.05E-06	1.333333Y	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2094	ALL	401428.9	3781549	3.24E-06	1.333333Y	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2095	ALL	401448.9	3781549	3.45E-06	1.333333Y	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2096	ALL	401468.9	3781549	3.69E-06	1.333333Y	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2097	ALL	401488.9	3781549	3.94E-06	1.333333Y	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2098	ALL	401508.9	3781549	4.21E-06	1.333333Y	4.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2099	ALL	401528.9	3781549	4.53E-06	1.333333Y	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100	ALL	401548.9	3781549	4.85E-06	1.333333Y	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2101	ALL	401568.9	3781549	5.24E-06	1.333333Y	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2102	ALL	401588.9	3781549	5.68E-06	1.333333Y	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2103	ALL	401608.9	3781549	6.18E-06	1.333333Y	6.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2104	ALL	401628.9	3781549	6.73E-06	1.333333Y	6.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2105	ALL	401648.9	3781549	7.34E-06	1.333333Y	7.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2106	ALL	401668.9	3781549	8.05E-06	1.333333Y	8.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2107	ALL	401688.9	3781549	8.83E-06	1.333333Y	8.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2108	ALL	401708.9	3781549	9.73E-06	1.333333Y	9.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2109	ALL	401728.9	3781549	1.08E-05	1.333333Y	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2110	ALL	401748.9	3781549	1.20E-05	1.333333Y	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2111	ALL	401768.9	3781549	1.34E-05	1.333333Y	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2112	ALL	401788.9	3781549	1.48E-05	1.333333Y	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2113	ALL	401808.9	3781549	1.63E-05	1.333333Y	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2114	ALL	401828.9	3781549	1.76E-05	1.333333Y	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2115	ALL	401848.9	3781549	1.88E-05	1.333333Y	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2116	ALL	401868.9	3781549	1.96E-05	1.333333Y	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2117	ALL	401888.9	3781549	2.03E-05	1.333333Y	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2118	ALL	401908.9	3781549	2.05E-05	1.333333Y	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2119	ALL	401928.9	3781549	2.07E-05	1.333333Y	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2120	ALL	401948.9	3781549	2.06E-05	1.333333Y	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2121	ALL	401968.9	3781549	2.02E-05	1.333333Y	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2122	ALL	401988.9	3781549	1.97E-05	1.333333Y	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2123	ALL	402008.9	3781549	1.90E-05	1.333333Y	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2124	ALL	402028.9	3781549	1.82E-05	1.333333Y	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2125	ALL	402048.9	3781549	1.71E-05	1.333333Y	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2126	ALL	402068.9	3781549	1.58E-05	1.333333Y	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2127	ALL	402088.9	3781549	1.44E-05	1.333333Y	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2128	ALL	402108.9	3781549	1.31E-05	1.333333Y	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2129	ALL	402128.9	3781549	1.18E-05	1.333333Y	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2130	ALL	402148.9	3781549	1.06E-05	1.333333Y	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2131	ALL	402168.9	3781549	9.51E-06	1.333333Y	9.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2132	ALL	402188.9	3781549	8.55E-06	1.333333Y	8.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2133	ALL	402208.9	3781549	7.70E-06	1.333333Y	7.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2134	ALL	402228.9	3781549	7.03E-06	1.333333Y	7.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2135	ALL	402248.9	3781549	6.42E-06	1.333333Y	6.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2136	ALL	402268.9	3781549	5.92E-06	1.333333Y	5.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2137	ALL	402288.9	3781549	5.49E-06	1.333333Y	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2138	ALL	402308.9	3781549	5.08E-06	1.333333Y	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2139	ALL	402328.9	3781549	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2140	ALL	402348.9	3781549	4.56E-06	1.333333Y	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2141	ALL	402368.9	3781549	4.20E-06	1.333333Y	4.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2142	ALL	402388.9	3781549	3.99E-06	1.333333Y	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2143	ALL	402408.9	3781549	3.76E-06	1.333333Y	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2144	ALL	402428.9	3781549	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2145	ALL	402448.9	3781549	3.36E-06	1.333333Y	3.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2146	ALL	402468.9	3781549	3.21E-06	1.333333Y	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2147	ALL	402488.9	3781549	3.10E-06	1.333333Y	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2148	ALL	402508.9	3781549	2.90E-06	1.333333Y	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2149	ALL	401308.9	3781569	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2150	ALL	401328.9	3781569	2.45E-06	1.333333Y	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2151	ALL	401348.9	3781569	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2152	ALL	401368.9	3781569	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2153	ALL	401388.9	3781569	2.92E-06	1.333333Y	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2154	ALL	401408.9	3781569	3.11E-06	1.333333Y	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2155	ALL	401428.9	3781569	3.31E-06	1.333333Y	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2156	ALL	401448.9	3781569	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2157	ALL	401468.9	3781569	3.78E-06	1.333333Y	3.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2158	ALL	401488.9	3781569	4.06E-06	1.333333Y	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2159	ALL	401508.9	3781569	4.36E-06	1.333333Y	4.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2160	ALL	401528.9	3781569	4.69E-06	1.333333Y	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2161	ALL	401548.9	3781569	5.06E-06	1.333333Y	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2162	ALL	401568.9	3781569	5.48E-06	1.333333Y	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2163	ALL	401588.9	3781569	5.97E-06	1.333333Y	5.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2164	ALL	401608.9	3781569	6.52E-06	1.333333Y	6.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2165	ALL	401628.9	3781569	7.15E-06	1.333333Y	7.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2166	ALL	401648.9	3781569	7.83E-06	1.333333Y	7.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2167	ALL	401668.9	3781569	8.61E-06	1.333333Y	8.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2168	ALL	401688.9	3781569	9.59E-06	1.333333Y	9.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2169	ALL	401708.9	3781569	1.07E-05	1.333333Y	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2170	ALL	401728.9	3781569	1.22E-05	1.333333Y	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2171	ALL	401748.9	3781569	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2172	ALL	401768.9	3781569	1.57E-05	1.333333Y	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2173	ALL	401788.9	3781569	1.79E-05	1.333333Y	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2174	ALL	401808.9	3781569	2.02E-05	1.333333Y	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2175	ALL	401828.9	3781569	2.23E-05	1.333333Y	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2176	ALL	401848.9	3781569	2.39E-05	1.333333Y	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2177	ALL	401868.9	3781569	2.52E-05	1.333333Y	2.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2178	ALL	401888.9	3781569	2.61E-05	1.333333Y	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2179	ALL	401908.9	3781569	2.64E-05	1.333333Y	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2180	ALL	401928.9	3781569	2.64E-05	1.333333Y	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2181	ALL	401948.9	3781569	2.65E-05	1.333333Y	2.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2182	ALL	401968.9	3781569	2.61E-05	1.333333Y	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2183	ALL	401988.9	3781569	2.53E-05	1.333333Y	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2184	ALL	402008.9	3781569	2.43E-05	1.333333Y	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2185	ALL	402028.9	3781569	2.32E-05	1.333333Y	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2186	ALL	402048.9	3781569	2.18E-05	1.333333Y	2.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2187	ALL	402068.9	3781569	1.98E-05	1.333333Y	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2188	ALL	402088.9	3781569	1.78E-05	1.333333Y	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2189	ALL	402108.9	3781569	1.57E-05	1.333333Y	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2190	ALL	402128.9	3781569	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2191	ALL	402148.9	3781569	1.20E-05	1.333333Y	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2192	ALL	402168.9	3781569	1.06E-05	1.333333Y	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2193	ALL	402188.9	3781569	9.48E-06	1.333333Y	9.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2194	ALL	402208.9	3781569	8.42E-06	1.333333Y	8.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2195	ALL	402228.9	3781569	7.63E-06	1.333333Y	7.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2196	ALL	402248.9	3781569	6.93E-06	1.333333Y	6.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2197	ALL	402268.9	3781569	6.40E-06	1.333333Y	6.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2198	ALL	402288.9	3781569	5.95E-06	1.333333Y	5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2199	ALL	402308.9	3781569	5.55E-06	1.333333Y	5.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200	ALL	402328.9	3781569	5.24E-06	1.333333Y	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2201	ALL	402348.9	3781569	4.99E-06	1.333333Y	4.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2202	ALL	402368.9	3781569	4.65E-06	1.333333Y	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2203	ALL	402388.9	3781569	4.39E-06	1.333333Y	4.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2204	ALL	402408.9	3781569	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2205	ALL	402428.9	3781569	3.96E-06	1.333333Y	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2206	ALL	402448.9	3781569	3.74E-06	1.333333Y	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2207	ALL	402468.9	3781569	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2208	ALL	402488.9	3781569	3.45E-06	1.333333Y	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2209	ALL	402508.9	3781569	3.30E-06	1.333333Y	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2210	ALL	401308.9	3781589	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2211	ALL	401328.9	3781589	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2212	ALL	401348.9	3781589	2.61E-06	1.333333Y	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2213	ALL	401368.9	3781589	2.78E-06	1.333333Y	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2214	ALL	401388.9	3781589	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2215	ALL	401408.9	3781589	3.14E-06	1.333333Y	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2216	ALL	401428.9	3781589	3.35E-06	1.333333Y	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2217	ALL	401448.9	3781589	3.60E-06	1.333333Y	3.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2218	ALL	401468.9	3781589	3.86E-06	1.333333Y	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2219	ALL	401488.9	3781589	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2220	ALL	401508.9	3781589	4.49E-06	1.333333Y	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2221	ALL	401528.9	3781589	4.85E-06	1.333333Y	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2222	ALL	401548.9	3781589	5.25E-06	1.333333Y	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2223	ALL	401568.9	3781589	5.72E-06	1.333333Y	5.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2224	ALL	401588.9	3781589	6.25E-06	1.333333Y	6.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2225	ALL	401608.9	3781589	6.85E-06	1.333333Y	6.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2226	ALL	401628.9	3781589	7.54E-06	1.333333Y	7.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2227	ALL	401648.9	3781589	8.36E-06	1.333333Y	8.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2228	ALL	401668.9	3781589	9.29E-06	1.333333Y	9.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2229	ALL	401688.9	3781589	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2230	ALL	401708.9	3781589	1.19E-05	1.333333Y	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2231	ALL	401728.9	3781589	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2232	ALL	401748.9	3781589	1.59E-05	1.333333Y	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2233	ALL	401768.9	3781589	1.88E-05	1.333333Y	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2234	ALL	401788.9	3781589	2.26E-05	1.333333Y	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2235	ALL	401808.9	3781589	2.69E-05	1.333333Y	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2236	ALL	401828.9	3781589	3.06E-05	1.333333Y	3.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2237	ALL	401848.9	3781589	3.31E-05	1.333333Y	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2238	ALL	401868.9	3781589	3.45E-05	1.333333Y	3.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2239	ALL	401888.9	3781589	3.59E-05	1.333333Y	3.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2240	ALL	401908.9	3781589	3.62E-05	1.333333Y	3.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2241	ALL	401928.9	3781589	3.61E-05	1.333333Y	3.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2242	ALL	401948.9	3781589	3.61E-05	1.333333Y	3.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2243	ALL	401968.9	3781589	3.56E-05	1.333333Y	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2244	ALL	401988.9	3781589	3.46E-05	1.333333Y	3.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2245	ALL	402008.9	3781589	3.33E-05	1.333333Y	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2246	ALL	402028.9	3781589	3.16E-05	1.333333Y	3.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2247	ALL	402048.9	3781589	2.94E-05	1.333333Y	2.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2248	ALL	402068.9	3781589	2.67E-05	1.333333Y	2.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2249	ALL	402088.9	3781589	2.34E-05	1.333333Y	2.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2250	ALL	402108.9	3781589	1.96E-05	1.333333Y	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2251	ALL	402128.9	3781589	1.64E-05	1.333333Y	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2252	ALL	402148.9	3781589	1.39E-05	1.333333Y	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2253	ALL	402168.9	3781589	1.20E-05	1.333333Y	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2254	ALL	402188.9	3781589	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2255	ALL	402208.9	3781589	9.32E-06	1.333333Y	9.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2256	ALL	402228.9	3781589	8.40E-06	1.333333Y	8.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2257	ALL	402248.9	3781589	7.70E-06	1.333333Y	7.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2258	ALL	402268.9	3781589	7.24E-06	1.333333Y	7.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2259	ALL	402288.9	3781589	6.82E-06	1.333333Y	6.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2260	ALL	402308.9	3781589	6.34E-06	1.333333Y	6.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2261	ALL	402328.9	3781589	5.85E-06	1.333333Y	5.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2262	ALL	402348.9	3781589	5.53E-06	1.333333Y	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2263	ALL	402368.9	3781589	5.21E-06	1.333333Y	5.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2264	ALL	402388.9	3781589	4.83E-06	1.333333Y	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2265	ALL	402408.9	3781589	4.71E-06	1.333333Y	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2266	ALL	402428.9	3781589	4.34E-06	1.333333Y	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2267	ALL	402448.9	3781589	4.24E-06	1.333333Y	4.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2268	ALL	402468.9	3781589	4.04E-06	1.333333Y	4.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2269	ALL	402488.9	3781589	3.86E-06	1.333333Y	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2270	ALL	402508.9	3781589	3.71E-06	1.333333Y	3.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2271	ALL	401308.9	3781609	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2272	ALL	401328.9	3781609	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2273	ALL	401348.9	3781609	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2274	ALL	401368.9	3781609	2.80E-06	1.333333Y	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2275	ALL	401388.9	3781609	2.97E-06	1.333333Y	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2276	ALL	401408.9	3781609	3.16E-06	1.333333Y	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2277	ALL	401428.9	3781609	3.39E-06	1.333333Y	3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2278	ALL	401448.9	3781609	3.65E-06	1.333333Y	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2279	ALL	401468.9	3781609	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2280	ALL	401488.9	3781609	4.22E-06	1.333333Y	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2281	ALL	401508.9	3781609	4.59E-06	1.333333Y	4.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2282	ALL	401528.9	3781609	4.98E-06	1.333333Y	4.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2283	ALL	401548.9	3781609	5.43E-06	1.333333Y	5.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2284	ALL	401568.9	3781609	5.93E-06	1.333333Y	5.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2285	ALL	401588.9	3781609	6.51E-06	1.333333Y	6.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2286	ALL	401608.9	3781609	7.17E-06	1.333333Y	7.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2287	ALL	401628.9	3781609	7.95E-06	1.333333Y	7.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2288	ALL	401648.9	3781609	8.86E-06	1.333333Y	8.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2289	ALL	401668.9	3781609	9.88E-06	1.333333Y	9.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2290	ALL	401688.9	3781609	1.13E-05	1.333333Y	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2291	ALL	401708.9	3781609	1.30E-05	1.333333Y	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2292	ALL	401728.9	3781609	1.52E-05	1.333333Y	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2293	ALL	401748.9	3781609	1.84E-05	1.333333Y	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2294	ALL	401768.9	3781609	2.28E-05	1.333333Y	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2295	ALL	401788.9	3781609	2.99E-05	1.333333Y	2.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2296	ALL	401808.9	3781609	4.04E-05	1.333333Y	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2297	ALL	401828.9	3781609	4.80E-05	1.333333Y	4.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2298	ALL	401848.9	3781609	5.25E-05	1.333333Y	5.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2299	ALL	401868.9	3781609	5.48E-05	1.333333Y	5.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300	ALL	401888.9	3781609	5.69E-05	1.333333Y	5.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2301	ALL	401908.9	3781609	5.80E-05	1.333333Y	5.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2302	ALL	401928.9	3781609	5.73E-05	1.333333Y	5.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2303	ALL	401948.9	3781609	5.72E-05	1.333333Y	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2304	ALL	401968.9	3781609	5.62E-05	1.333333Y	5.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2305	ALL	401988.9	3781609	5.52E-05	1.333333Y	5.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2306	ALL	402008.9	3781609	5.31E-05	1.333333Y	5.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2307	ALL	402028.9	3781609	5.05E-05	1.333333Y	5.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2308	ALL	402048.9	3781609	4.75E-05	1.333333Y	4.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2309	ALL	402068.9	3781609	4.35E-05	1.333333Y	4.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2310	ALL	402088.9	3781609	3.63E-05	1.333333Y	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2311	ALL	402108.9	3781609	2.62E-05	1.333333Y	2.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2312	ALL	402128.9	3781609	1.99E-05	1.333333Y	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2313	ALL	402148.9	3781609	1.64E-05	1.333333Y	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2314	ALL	402168.9	3781609	1.38E-05	1.333333Y	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2315	ALL	402188.9	3781609	1.18E-05	1.333333Y	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2316	ALL	402208.9	3781609	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2317	ALL	402228.9	3781609	9.23E-06	1.333333Y	9.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2318	ALL	402248.9	3781609	8.62E-06	1.333333Y	8.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2319	ALL	402268.9	3781609	7.56E-06	1.333333Y	7.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2320	ALL	402288.9	3781609	6.75E-06	1.333333Y	6.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2321	ALL	402308.9	3781609	6.13E-06	1.333333Y	6.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2322	ALL	402328.9	3781609	5.64E-06	1.333333Y	5.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2323	ALL	402348.9	3781609	5.23E-06	1.333333Y	5.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2324	ALL	402368.9	3781609	4.87E-06	1.333333Y	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2325	ALL	402388.9	3781609	4.58E-06	1.333333Y	4.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2326	ALL	402408.9	3781609	4.31E-06	1.333333Y	4.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2327	ALL	402428.9	3781609	4.07E-06	1.333333Y	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2328	ALL	402448.9	3781609	3.85E-06	1.333333Y	3.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2329	ALL	402468.9	3781609	3.65E-06	1.333333Y	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2330	ALL	402488.9	3781609	3.47E-06	1.333333Y	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2331	ALL	402508.9	3781609	3.30E-06	1.333333Y	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2332	ALL	401308.9	3781629	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2333	ALL	401328.9	3781629	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2334	ALL	401348.9	3781629	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2335	ALL	401368.9	3781629	2.80E-06	1.333333Y	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2336	ALL	401388.9	3781629	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2337	ALL	401408.9	3781629	3.18E-06	1.333333Y	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2338	ALL	401428.9	3781629	3.41E-06	1.333333Y	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2339	ALL	401448.9	3781629	3.68E-06	1.333333Y	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2340	ALL	401468.9	3781629	3.97E-06	1.333333Y	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2341	ALL	401488.9	3781629	4.29E-06	1.333333Y	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2342	ALL	401508.9	3781629	4.68E-06	1.333333Y	4.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2343	ALL	401528.9	3781629	5.08E-06	1.333333Y	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2344	ALL	401548.9	3781629	5.57E-06	1.333333Y	5.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2345	ALL	401568.9	3781629	6.11E-06	1.333333Y	6.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2346	ALL	401588.9	3781629	6.74E-06	1.333333Y	6.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2347	ALL	401608.9	3781629	7.47E-06	1.333333Y	7.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2348	ALL	401628.9	3781629	8.32E-06	1.333333Y	8.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2349	ALL	401648.9	3781629	9.36E-06	1.333333Y	9.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2350	ALL	401668.9	3781629	1.06E-05	1.333333Y	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2351	ALL	401688.9	3781629	1.21E-05	1.333333Y	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2352	ALL	401708.9	3781629	1.42E-05	1.333333Y	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2353	ALL	401728.9	3781629	1.70E-05	1.333333Y	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2354	ALL	401748.9	3781629	2.09E-05	1.333333Y	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2355	ALL	401768.9	3781629	2.74E-05	1.333333Y	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2356	ALL	401788.9	3781629	4.12E-05	1.333333Y	4.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2357	ALL	402128.9	3781629	2.35E-05	1.333333Y	2.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2358	ALL	402148.9	3781629	1.78E-05	1.333333Y	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2359	ALL	402168.9	3781629	1.46E-05	1.333333Y	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2360	ALL	402188.9	3781629	1.23E-05	1.333333Y	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2361	ALL	402208.9	3781629	1.07E-05	1.333333Y	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2362	ALL	402228.9	3781629	9.39E-06	1.333333Y	9.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2363	ALL	402248.9	3781629	8.29E-06	1.333333Y	8.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2364	ALL	402268.9	3781629	7.43E-06	1.333333Y	7.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2365	ALL	402288.9	3781629	6.81E-06	1.333333Y	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2366	ALL	402308.9	3781629	6.23E-06	1.333333Y	6.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2367	ALL	402328.9	3781629	5.69E-06	1.333333Y	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2368	ALL	402348.9	3781629	5.19E-06	1.333333Y	5.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2369	ALL	402368.9	3781629	4.79E-06	1.333333Y	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2370	ALL	402388.9	3781629	4.50E-06	1.333333Y	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2371	ALL	402408.9	3781629	4.21E-06	1.333333Y	4.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2372	ALL	402428.9	3781629	3.95E-06	1.333333Y	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2373	ALL	402448.9	3781629	3.72E-06	1.333333Y	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2374	ALL	402468.9	3781629	3.51E-06	1.333333Y	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2375	ALL	402488.9	3781629	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2376	ALL	402508.9	3781629	3.14E-06	1.333333Y	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2377	ALL	401308.9	3781649	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2378	ALL	401328.9	3781649	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2379	ALL	401348.9	3781649	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2380	ALL	401368.9	3781649	2.78E-06	1.333333Y	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2381	ALL	401388.9	3781649	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2382	ALL	401408.9	3781649	3.19E-06	1.333333Y	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2383	ALL	401428.9	3781649	3.43E-06	1.333333Y	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2384	ALL	401448.9	3781649	3.69E-06	1.333333Y	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2385	ALL	401468.9	3781649	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2386	ALL	401488.9	3781649	4.34E-06	1.333333Y	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2387	ALL	401508.9	3781649	4.73E-06	1.333333Y	4.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2388	ALL	401528.9	3781649	5.18E-06	1.333333Y	5.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2389	ALL	401548.9	3781649	5.68E-06	1.333333Y	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2390	ALL	401568.9	3781649	6.26E-06	1.333333Y	6.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2391	ALL	401588.9	3781649	6.93E-06	1.333333Y	6.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2392	ALL	401608.9	3781649	7.71E-06	1.333333Y	7.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2393	ALL	401628.9	3781649	8.63E-06	1.333333Y	8.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2394	ALL	401648.9	3781649	9.77E-06	1.333333Y	9.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2395	ALL	401668.9	3781649	1.12E-05	1.333333Y	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2396	ALL	401688.9	3781649	1.29E-05	1.333333Y	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2397	ALL	401708.9	3781649	1.53E-05	1.333333Y	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2398	ALL	401728.9	3781649	1.84E-05	1.333333Y	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2399	ALL	401748.9	3781649	2.32E-05	1.333333Y	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400	ALL	401768.9	3781649	3.12E-05	1.333333Y	3.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2401	ALL	401788.9	3781649	4.92E-05	1.333333Y	4.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2402	ALL	402108.9	3781649	3.75E-05	1.333333Y	3.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2403	ALL	402128.9	3781649	2.49E-05	1.333333Y	2.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404	ALL	402148.9	3781649	1.89E-05	1.333333Y	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2405	ALL	402168.9	3781649	1.53E-05	1.333333Y	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2406	ALL	402188.9	3781649	1.28E-05	1.333333Y	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2407	ALL	402208.9	3781649	1.10E-05	1.333333Y	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2408	ALL	402228.9	3781649	9.59E-06	1.333333Y	9.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2409	ALL	402248.9	3781649	8.49E-06	1.333333Y	8.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2410	ALL	402268.9	3781649	7.79E-06	1.333333Y	7.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2411	ALL	402288.9	3781649	7.10E-06	1.333333Y	7.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2412	ALL	402308.9	3781649	6.42E-06	1.333333Y	6.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2413	ALL	402328.9	3781649	5.76E-06	1.333333Y	5.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2414	ALL	402348.9	3781649	5.24E-06	1.333333Y	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2415	ALL	402368.9	3781649	4.84E-06	1.333333Y	4.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2416	ALL	402388.9	3781649	4.54E-06	1.333333Y	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2417	ALL	402408.9	3781649	4.25E-06	1.333333Y	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2418	ALL	402428.9	3781649	3.95E-06	1.333333Y	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2419	ALL	402448.9	3781649	3.71E-06	1.333333Y	3.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2420	ALL	402468.9	3781649	3.49E-06	1.333333Y	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2421	ALL	402488.9	3781649	3.29E-06	1.333333Y	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2422	ALL	402508.9	3781649	3.12E-06	1.333333Y	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2423	ALL	401308.9	3781669	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2424	ALL	401328.9	3781669	2.44E-06	1.333333Y	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2425	ALL	401348.9	3781669	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2426	ALL	401368.9	3781669	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2427	ALL	401388.9	3781669	2.95E-06	1.333333Y	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2428	ALL	401408.9	3781669	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2429	ALL	401428.9	3781669	3.42E-06	1.333333Y	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2430	ALL	401448.9	3781669	3.69E-06	1.333333Y	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2431	ALL	401468.9	3781669	4.01E-06	1.333333Y	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2432	ALL	401488.9	3781669	4.37E-06	1.333333Y	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2433	ALL	401508.9	3781669	4.77E-06	1.333333Y	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2434	ALL	401528.9	3781669	5.22E-06	1.333333Y	5.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2435	ALL	401548.9	3781669	5.77E-06	1.333333Y	5.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2436	ALL	401568.9	3781669	6.35E-06	1.333333Y	6.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2437	ALL	401588.9	3781669	7.07E-06	1.333333Y	7.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2438	ALL	401608.9	3781669	7.89E-06	1.333333Y	7.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2439	ALL	401628.9	3781669	8.91E-06	1.333333Y	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2440	ALL	401648.9	3781669	1.01E-05	1.333333Y	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2441	ALL	401668.9	3781669	1.16E-05	1.333333Y	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2442	ALL	401688.9	3781669	1.36E-05	1.333333Y	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2443	ALL	401708.9	3781669	1.62E-05	1.333333Y	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2444	ALL	401728.9	3781669	1.97E-05	1.333333Y	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2445	ALL	401748.9	3781669	2.51E-05	1.333333Y	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2446	ALL	401768.9	3781669	3.41E-05	1.333333Y	3.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2447	ALL	401788.9	3781669	5.37E-05	1.333333Y	5.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2448	ALL	402108.9	3781669	3.63E-05	1.333333Y	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2449	ALL	402128.9	3781669	2.54E-05	1.333333Y	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2450	ALL	402148.9	3781669	1.97E-05	1.333333Y	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2451	ALL	402168.9	3781669	1.59E-05	1.333333Y	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2452	ALL	402188.9	3781669	1.34E-05	1.333333Y	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2453	ALL	402208.9	3781669	1.14E-05	1.333333Y	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2454	ALL	402228.9	3781669	9.84E-06	1.333333Y	9.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2455	ALL	402248.9	3781669	8.73E-06	1.333333Y	8.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2456	ALL	402268.9	3781669	8.10E-06	1.333333Y	8.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2457	ALL	402288.9	3781669	7.36E-06	1.333333Y	7.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2458	ALL	402308.9	3781669	6.67E-06	1.333333Y	6.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2459	ALL	402328.9	3781669	5.88E-06	1.333333Y	5.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2460	ALL	402348.9	3781669	5.34E-06	1.333333Y	5.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2461	ALL	402368.9	3781669	4.91E-06	1.333333Y	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2462	ALL	402388.9	3781669	4.57E-06	1.333333Y	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2463	ALL	402408.9	3781669	4.30E-06	1.333333Y	4.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2464	ALL	402428.9	3781669	3.98E-06	1.333333Y	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2465	ALL	402448.9	3781669	3.73E-06	1.333333Y	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2466	ALL	402468.9	3781669	3.50E-06	1.333333Y	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2467	ALL	402488.9	3781669	3.31E-06	1.333333Y	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2468	ALL	402508.9	3781669	3.13E-06	1.333333Y	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2469	ALL	401308.9	3781689	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2470	ALL	401328.9	3781689	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2471	ALL	401348.9	3781689	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2472	ALL	401368.9	3781689	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2473	ALL	401388.9	3781689	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2474	ALL	401408.9	3781689	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2475	ALL	401428.9	3781689	3.43E-06	1.333333Y	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2476	ALL	401448.9	3781689	3.70E-06	1.333333Y	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2477	ALL	401468.9	3781689	4.03E-06	1.333333Y	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2478	ALL	401488.9	3781689	4.39E-06	1.333333Y	4.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2479	ALL	401508.9	3781689	4.81E-06	1.333333Y	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2480	ALL	401528.9	3781689	5.27E-06	1.333333Y	5.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2481	ALL	401548.9	3781689	5.82E-06	1.333333Y	5.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2482	ALL	401568.9	3781689	6.44E-06	1.333333Y	6.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2483	ALL	401588.9	3781689	7.18E-06	1.333333Y	7.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2484	ALL	401608.9	3781689	8.04E-06	1.333333Y	8.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2485	ALL	401628.9	3781689	9.09E-06	1.333333Y	9.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2486	ALL	401648.9	3781689	1.04E-05	1.333333Y	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2487	ALL	401668.9	3781689	1.20E-05	1.333333Y	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2488	ALL	401688.9	3781689	1.40E-05	1.333333Y	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2489	ALL	401708.9	3781689	1.68E-05	1.333333Y	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2490	ALL	401728.9	3781689	2.06E-05	1.333333Y	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2491	ALL	401748.9	3781689	2.62E-05	1.333333Y	2.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2492	ALL	401768.9	3781689	3.57E-05	1.333333Y	3.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2493	ALL	401788.9	3781689	5.63E-05	1.333333Y	5.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2494	ALL	402088.9	3781689	5.34E-05	1.333333Y	5.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2495	ALL	402108.9	3781689	3.42E-05	1.333333Y	3.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2496	ALL	402128.9	3781689	2.53E-05	1.333333Y	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2497	ALL	402148.9	3781689	1.99E-05	1.333333Y	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2498	ALL	402168.9	3781689	1.63E-05	1.333333Y	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2499	ALL	402188.9	3781689	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2500	ALL	402208.9	3781689	1.17E-05	1.333333Y	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2501	ALL	402228.9	3781689	1.02E-05	1.333333Y	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2502	ALL	402248.9	3781689	9.13E-06	1.333333Y	9.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2503	ALL	402268.9	3781689	8.15E-06	1.333333Y	8.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2504	ALL	402288.9	3781689	7.66E-06	1.333333Y	7.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2505	ALL	402308.9	3781689	6.92E-06	1.333333Y	6.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2506	ALL	402328.9	3781689	6.15E-06	1.333333Y	6.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2507	ALL	402348.9	3781689	5.48E-06	1.333333Y	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2508	ALL	402368.9	3781689	4.98E-06	1.333333Y	4.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2509	ALL	402388.9	3781689	4.65E-06	1.333333Y	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2510	ALL	402408.9	3781689	4.34E-06	1.333333Y	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2511	ALL	402428.9	3781689	4.04E-06	1.333333Y	4.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2512	ALL	402448.9	3781689	3.77E-06	1.333333Y	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2513	ALL	402468.9	3781689	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2514	ALL	402488.9	3781689	3.34E-06	1.333333Y	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2515	ALL	402508.9	3781689	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2516	ALL	401308.9	3781709	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2517	ALL	401328.9	3781709	2.32E-06	1.333333Y	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2518	ALL	401348.9	3781709	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2519	ALL	401368.9	3781709	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2520	ALL	401388.9	3781709	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2521	ALL	401408.9	3781709	3.07E-06	1.333333Y	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2522	ALL	401428.9	3781709	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2523	ALL	401448.9	3781709	3.61E-06	1.333333Y	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2524	ALL	401468.9	3781709	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2525	ALL	401488.9	3781709	4.30E-06	1.333333Y	4.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2526	ALL	401508.9	3781709	4.72E-06	1.333333Y	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2527	ALL	401528.9	3781709	5.25E-06	1.333333Y	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2528	ALL	401548.9	3781709	5.84E-06	1.333333Y	5.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2529	ALL	401568.9	3781709	6.48E-06	1.333333Y	6.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2530	ALL	401588.9	3781709	7.24E-06	1.333333Y	7.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2531	ALL	401608.9	3781709	8.12E-06	1.333333Y	8.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2532	ALL	401628.9	3781709	9.18E-06	1.333333Y	9.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2533	ALL	401648.9	3781709	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2534	ALL	401668.9	3781709	1.21E-05	1.333333Y	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2535	ALL	401688.9	3781709	1.43E-05	1.333333Y	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2536	ALL	401708.9	3781709	1.71E-05	1.333333Y	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2537	ALL	401728.9	3781709	2.10E-05	1.333333Y	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2538	ALL	401748.9	3781709	2.67E-05	1.333333Y	2.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2539	ALL	401768.9	3781709	3.63E-05	1.333333Y	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2540	ALL	401788.9	3781709	5.76E-05	1.333333Y	5.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2541	ALL	402088.9	3781709	4.70E-05	1.333333Y	4.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2542	ALL	402108.9	3781709	3.25E-05	1.333333Y	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2543	ALL	402128.9	3781709	2.50E-05	1.333333Y	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2544	ALL	402148.9	3781709	2.01E-05	1.333333Y	2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2545	ALL	402168.9	3781709	1.66E-05	1.333333Y	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2546	ALL	402188.9	3781709	1.40E-05	1.333333Y	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2547	ALL	402208.9	3781709	1.18E-05	1.333333Y	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2548	ALL	402228.9	3781709	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2549	ALL	402248.9	3781709	9.65E-06	1.333333Y	9.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2550	ALL	402268.9	3781709	8.21E-06	1.333333Y	8.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2551	ALL	402288.9	3781709	7.89E-06	1.333333Y	7.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2552	ALL	402308.9	3781709	7.21E-06	1.333333Y	7.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2553	ALL	402328.9	3781709	6.49E-06	1.333333Y	6.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2554	ALL	402348.9	3781709	5.56E-06	1.333333Y	5.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2555	ALL	402368.9	3781709	5.05E-06	1.333333Y	5.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2556	ALL	402388.9	3781709	4.79E-06	1.333333Y	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2557	ALL	402408.9	3781709	4.40E-06	1.333333Y	4.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2558	ALL	402428.9	3781709	4.12E-06	1.333333Y	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2559	ALL	402448.9	3781709	3.87E-06	1.333333Y	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2560	ALL	402468.9	3781709	3.61E-06	1.333333Y	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2561	ALL	402488.9	3781709	3.40E-06	1.333333Y	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2562	ALL	402508.9	3781709	3.23E-06	1.333333Y	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2563	ALL	401308.9	3781729	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2564	ALL	401328.9	3781729	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2565	ALL	401348.9	3781729	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2566	ALL	401368.9	3781729	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2567	ALL	401388.9	3781729	2.83E-06	1.333333Y	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2568	ALL	401408.9	3781729	3.06E-06	1.333333Y	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2569	ALL	401428.9	3781729	3.31E-06	1.333333Y	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2570	ALL	401448.9	3781729	3.59E-06	1.333333Y	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2571	ALL	401468.9	3781729	3.92E-06	1.333333Y	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2572	ALL	401488.9	3781729	4.28E-06	1.333333Y	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2573	ALL	401508.9	3781729	4.72E-06	1.333333Y	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2574	ALL	401528.9	3781729	5.26E-06	1.333333Y	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2575	ALL	401548.9	3781729	5.83E-06	1.333333Y	5.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2576	ALL	401568.9	3781729	6.47E-06	1.333333Y	6.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577	ALL	401588.9	3781729	7.24E-06	1.333333Y	7.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2578	ALL	401608.9	3781729	8.11E-06	1.333333Y	8.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2579	ALL	401628.9	3781729	9.18E-06	1.333333Y	9.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2580	ALL	401648.9	3781729	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2581	ALL	401668.9	3781729	1.22E-05	1.333333Y	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2582	ALL	401688.9	3781729	1.43E-05	1.333333Y	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2583	ALL	401708.9	3781729	1.72E-05	1.333333Y	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2584	ALL	401728.9	3781729	2.11E-05	1.333333Y	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2585	ALL	401748.9	3781729	2.69E-05	1.333333Y	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2586	ALL	401768.9	3781729	3.67E-05	1.333333Y	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2587	ALL	401788.9	3781729	5.81E-05	1.333333Y	5.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2588	ALL	402088.9	3781729	4.22E-05	1.333333Y	4.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2589	ALL	402108.9	3781729	3.08E-05	1.333333Y	3.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2590	ALL	402128.9	3781729	2.42E-05	1.333333Y	2.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2591	ALL	402148.9	3781729	1.99E-05	1.333333Y	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2592	ALL	402168.9	3781729	1.68E-05	1.333333Y	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2593	ALL	402188.9	3781729	1.44E-05	1.333333Y	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2594	ALL	402208.9	3781729	1.23E-05	1.333333Y	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2595	ALL	402228.9	3781729	1.07E-05	1.333333Y	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2596	ALL	402248.9	3781729	9.72E-06	1.333333Y	9.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2597	ALL	402268.9	3781729	8.70E-06	1.333333Y	8.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2598	ALL	402288.9	3781729	7.91E-06	1.333333Y	7.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2599	ALL	402308.9	3781729	7.42E-06	1.333333Y	7.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600	ALL	402328.9	3781729	6.52E-06	1.333333Y	6.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2601	ALL	402348.9	3781729	5.83E-06	1.333333Y	5.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2602	ALL	402368.9	3781729	5.19E-06	1.333333Y	5.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2603	ALL	402388.9	3781729	4.88E-06	1.333333Y	4.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2604	ALL	402408.9	3781729	4.47E-06	1.333333Y	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2605	ALL	402428.9	3781729	4.19E-06	1.333333Y	4.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2606	ALL	402448.9	3781729	3.94E-06	1.333333Y	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2607	ALL	402468.9	3781729	3.70E-06	1.333333Y	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2608	ALL	402488.9	3781729	3.48E-06	1.333333Y	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2609	ALL	402508.9	3781729	3.30E-06	1.333333Y	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2610	ALL	401308.9	3781749	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2611	ALL	401328.9	3781749	2.27E-06	1.333333Y	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2612	ALL	401348.9	3781749	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2613	ALL	401368.9	3781749	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2614	ALL	401388.9	3781749	2.79E-06	1.333333Y	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2615	ALL	401408.9	3781749	3.01E-06	1.333333Y	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2616	ALL	401428.9	3781749	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2617	ALL	401448.9	3781749	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2618	ALL	401468.9	3781749	3.86E-06	1.333333Y	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2619	ALL	401488.9	3781749	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2620	ALL	401508.9	3781749	4.67E-06	1.333333Y	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2621	ALL	401528.9	3781749	5.19E-06	1.333333Y	5.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2622	ALL	401548.9	3781749	5.78E-06	1.333333Y	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2623	ALL	401568.9	3781749	6.41E-06	1.333333Y	6.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2624	ALL	401588.9	3781749	7.17E-06	1.333333Y	7.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2625	ALL	401608.9	3781749	8.00E-06	1.333333Y	8.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2626	ALL	401628.9	3781749	9.06E-06	1.333333Y	9.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2627	ALL	401648.9	3781749	1.04E-05	1.333333Y	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2628	ALL	401668.9	3781749	1.20E-05	1.333333Y	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2629	ALL	401688.9	3781749	1.41E-05	1.333333Y	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2630	ALL	401708.9	3781749	1.69E-05	1.333333Y	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2631	ALL	401728.9	3781749	2.08E-05	1.333333Y	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2632	ALL	401748.9	3781749	2.64E-05	1.333333Y	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2633	ALL	401768.9	3781749	3.63E-05	1.333333Y	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2634	ALL	401788.9	3781749	5.79E-05	1.333333Y	5.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2635	ALL	402068.9	3781749	5.78E-05	1.333333Y	5.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2636	ALL	402088.9	3781749	3.81E-05	1.333333Y	3.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2637	ALL	402108.9	3781749	2.89E-05	1.333333Y	2.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2638	ALL	402128.9	3781749	2.31E-05	1.333333Y	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2639	ALL	402148.9	3781749	1.90E-05	1.333333Y	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2640	ALL	402168.9	3781749	1.60E-05	1.333333Y	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2641	ALL	402188.9	3781749	1.38E-05	1.333333Y	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2642	ALL	402208.9	3781749	1.22E-05	1.333333Y	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2643	ALL	402228.9	3781749	1.09E-05	1.333333Y	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2644	ALL	402248.9	3781749	9.71E-06	1.333333Y	9.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2645	ALL	402268.9	3781749	8.82E-06	1.333333Y	8.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2646	ALL	402288.9	3781749	8.14E-06	1.333333Y	8.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2647	ALL	402308.9	3781749	7.56E-06	1.333333Y	7.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2648	ALL	402328.9	3781749	6.93E-06	1.333333Y	6.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2649	ALL	402348.9	3781749	6.04E-06	1.333333Y	6.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2650	ALL	402368.9	3781749	5.48E-06	1.333333Y	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2651	ALL	402388.9	3781749	5.03E-06	1.333333Y	5.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2652	ALL	402408.9	3781749	4.65E-06	1.333333Y	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2653	ALL	402428.9	3781749	4.33E-06	1.333333Y	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2654	ALL	402448.9	3781749	4.16E-06	1.333333Y	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2655	ALL	402468.9	3781749	3.81E-06	1.333333Y	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2656	ALL	402488.9	3781749	3.62E-06	1.333333Y	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2657	ALL	402508.9	3781749	3.40E-06	1.333333Y	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2658	ALL	401308.9	3781769	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2659	ALL	401328.9	3781769	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2660	ALL	401348.9	3781769	2.38E-06	1.333333Y	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2661	ALL	401368.9	3781769	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2662	ALL	401388.9	3781769	2.74E-06	1.333333Y	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2663	ALL	401408.9	3781769	2.95E-06	1.333333Y	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2664	ALL	401428.9	3781769	3.18E-06	1.333333Y	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2665	ALL	401448.9	3781769	3.47E-06	1.333333Y	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2666	ALL	401468.9	3781769	3.77E-06	1.333333Y	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2667	ALL	401488.9	3781769	4.12E-06	1.333333Y	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2668	ALL	401508.9	3781769	4.56E-06	1.333333Y	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2669	ALL	401528.9	3781769	5.12E-06	1.333333Y	5.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2670	ALL	401548.9	3781769	5.67E-06	1.333333Y	5.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2671	ALL	401568.9	3781769	6.31E-06	1.333333Y	6.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2672	ALL	401588.9	3781769	7.03E-06	1.333333Y	7.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2673	ALL	401608.9	3781769	7.88E-06	1.333333Y	7.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2674	ALL	401628.9	3781769	8.91E-06	1.333333Y	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2675	ALL	401648.9	3781769	1.02E-05	1.333333Y	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2676	ALL	401668.9	3781769	1.18E-05	1.333333Y	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2677	ALL	401688.9	3781769	1.38E-05	1.333333Y	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2678	ALL	401708.9	3781769	1.65E-05	1.333333Y	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2679	ALL	401728.9	3781769	2.02E-05	1.333333Y	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2680	ALL	401748.9	3781769	2.58E-05	1.333333Y	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2681	ALL	401768.9	3781769	3.56E-05	1.333333Y	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2682	ALL	401788.9	3781769	5.73E-05	1.333333Y	5.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2683	ALL	402068.9	3781769	4.96E-05	1.333333Y	4.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2684	ALL	402088.9	3781769	3.45E-05	1.333333Y	3.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2685	ALL	402108.9	3781769	2.69E-05	1.333333Y	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2686	ALL	402128.9	3781769	2.13E-05	1.333333Y	2.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2687	ALL	402148.9	3781769	1.77E-05	1.333333Y	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2688	ALL	402168.9	3781769	1.51E-05	1.333333Y	1.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2689	ALL	402188.9	3781769	1.31E-05	1.333333Y	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2690	ALL	402208.9	3781769	1.17E-05	1.333333Y	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2691	ALL	402228.9	3781769	1.09E-05	1.333333Y	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2692	ALL	402248.9	3781769	9.75E-06	1.333333Y	9.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2693	ALL	402268.9	3781769	8.90E-06	1.333333Y	8.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2694	ALL	402288.9	3781769	8.21E-06	1.333333Y	8.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2695	ALL	402308.9	3781769	7.59E-06	1.333333Y	7.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2696	ALL	402328.9	3781769	7.01E-06	1.333333Y	7.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2697	ALL	402348.9	3781769	6.47E-06	1.333333Y	6.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2698	ALL	402368.9	3781769	5.87E-06	1.333333Y	5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2699	ALL	402388.9	3781769	5.33E-06	1.333333Y	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2700	ALL	402408.9	3781769	4.96E-06	1.333333Y	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2701	ALL	402428.9	3781769	4.63E-06	1.333333Y	4.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2702	ALL	402448.9	3781769	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2703	ALL	402468.9	3781769	3.91E-06	1.333333Y	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2704	ALL	402488.9	3781769	3.69E-06	1.333333Y	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2705	ALL	402508.9	3781769	3.47E-06	1.333333Y	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2706	ALL	401308.9	3781789	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2707	ALL	401328.9	3781789	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2708	ALL	401348.9	3781789	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2709	ALL	401368.9	3781789	2.36E-06	1.333333Y	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2710	ALL	401388.9	3781789	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2711	ALL	401408.9	3781789	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2712	ALL	401428.9	3781789	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2713	ALL	401448.9	3781789	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2714	ALL	401468.9	3781789	3.57E-06	1.333333Y	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2715	ALL	401488.9	3781789	3.90E-06	1.333333Y	3.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2716	ALL	401508.9	3781789	4.34E-06	1.333333Y	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2717	ALL	401528.9	3781789	4.92E-06	1.333333Y	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2718	ALL	401548.9	3781789	5.51E-06	1.333333Y	5.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2719	ALL	401568.9	3781789	6.14E-06	1.333333Y	6.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2720	ALL	401588.9	3781789	6.81E-06	1.333333Y	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2721	ALL	401608.9	3781789	7.60E-06	1.333333Y	7.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2722	ALL	401628.9	3781789	8.55E-06	1.333333Y	8.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2723	ALL	401648.9	3781789	9.74E-06	1.333333Y	9.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2724	ALL	401668.9	3781789	1.12E-05	1.333333Y	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2725	ALL	401688.9	3781789	1.28E-05	1.333333Y	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2726	ALL	401708.9	3781789	1.52E-05	1.333333Y	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2727	ALL	401728.9	3781789	1.87E-05	1.333333Y	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2728	ALL	401748.9	3781789	2.32E-05	1.333333Y	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2729	ALL	401768.9	3781789	3.40E-05	1.333333Y	3.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2730	ALL	401788.9	3781789	5.58E-05	1.333333Y	5.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2731	ALL	402068.9	3781789	4.39E-05	1.333333Y	4.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2732	ALL	402088.9	3781789	3.17E-05	1.333333Y	3.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2733	ALL	402108.9	3781789	2.50E-05	1.333333Y	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2734	ALL	402128.9	3781789	2.00E-05	1.333333Y	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2735	ALL	402148.9	3781789	1.68E-05	1.333333Y	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2736	ALL	402168.9	3781789	1.44E-05	1.333333Y	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2737	ALL	402188.9	3781789	1.26E-05	1.333333Y	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2738	ALL	402208.9	3781789	1.14E-05	1.333333Y	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2739	ALL	402228.9	3781789	1.06E-05	1.333333Y	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2740	ALL	402248.9	3781789	9.65E-06	1.333333Y	9.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2741	ALL	402268.9	3781789	8.85E-06	1.333333Y	8.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2742	ALL	402288.9	3781789	8.15E-06	1.333333Y	8.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2743	ALL	402308.9	3781789	7.53E-06	1.333333Y	7.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2744	ALL	402328.9	3781789	6.98E-06	1.333333Y	6.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2745	ALL	402348.9	3781789	6.50E-06	1.333333Y	6.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2746	ALL	402368.9	3781789	5.90E-06	1.333333Y	5.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2747	ALL	402388.9	3781789	5.31E-06	1.333333Y	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2748	ALL	402408.9	3781789	4.95E-06	1.333333Y	4.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2749	ALL	402428.9	3781789	4.62E-06	1.333333Y	4.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2750	ALL	402448.9	3781789	4.28E-06	1.333333Y	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2751	ALL	402468.9	3781789	3.99E-06	1.333333Y	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2752	ALL	402488.9	3781789	3.82E-06	1.333333Y	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2753	ALL	402508.9	3781789	3.62E-06	1.333333Y	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2754	ALL	401308.9	3781809	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2755	ALL	401328.9	3781809	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2756	ALL	401348.9	3781809	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2757	ALL	401368.9	3781809	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2758	ALL	401388.9	3781809	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2759	ALL	401408.9	3781809	2.61E-06	1.333333Y	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2760	ALL	401428.9	3781809	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2761	ALL	401448.9	3781809	3.12E-06	1.333333Y	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2762	ALL	401468.9	3781809	3.41E-06	1.333333Y	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2763	ALL	401488.9	3781809	3.75E-06	1.333333Y	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2764	ALL	401508.9	3781809	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2765	ALL	401528.9	3781809	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2766	ALL	401548.9	3781809	5.32E-06	1.333333Y	5.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2767	ALL	401568.9	3781809	5.87E-06	1.333333Y	5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2768	ALL	401588.9	3781809	6.51E-06	1.333333Y	6.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2769	ALL	401608.9	3781809	7.27E-06	1.333333Y	7.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2770	ALL	401628.9	3781809	8.08E-06	1.333333Y	8.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2771	ALL	401648.9	3781809	8.66E-06	1.333333Y	8.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2772	ALL	401668.9	3781809	9.65E-06	1.333333Y	9.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2773	ALL	401688.9	3781809	1.12E-05	1.333333Y	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2774	ALL	401708.9	3781809	1.36E-05	1.333333Y	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2775	ALL	401728.9	3781809	1.67E-05	1.333333Y	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2776	ALL	401748.9	3781809	2.17E-05	1.333333Y	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2777	ALL	401768.9	3781809	3.01E-05	1.333333Y	3.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2778	ALL	401788.9	3781809	5.32E-05	1.333333Y	5.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2779	ALL	402068.9	3781809	3.91E-05	1.333333Y	3.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2780	ALL	402088.9	3781809	2.81E-05	1.333333Y	2.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2781	ALL	402108.9	3781809	2.28E-05	1.333333Y	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2782	ALL	402128.9	3781809	1.89E-05	1.333333Y	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2783	ALL	402148.9	3781809	1.58E-05	1.333333Y	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2784	ALL	402168.9	3781809	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2785	ALL	402188.9	3781809	1.20E-05	1.333333Y	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2786	ALL	402208.9	3781809	1.09E-05	1.333333Y	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2787	ALL	402228.9	3781809	1.02E-05	1.333333Y	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2788	ALL	402248.9	3781809	9.35E-06	1.333333Y	9.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2789	ALL	402268.9	3781809	8.61E-06	1.333333Y	8.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2790	ALL	402288.9	3781809	7.97E-06	1.333333Y	7.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2791	ALL	402308.9	3781809	7.40E-06	1.333333Y	7.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2792	ALL	402328.9	3781809	6.89E-06	1.333333Y	6.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2793	ALL	402348.9	3781809	6.45E-06	1.333333Y	6.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2794	ALL	402368.9	3781809	5.83E-06	1.333333Y	5.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2795	ALL	402388.9	3781809	5.26E-06	1.333333Y	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2796	ALL	402408.9	3781809	4.92E-06	1.333333Y	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2797	ALL	402428.9	3781809	4.64E-06	1.333333Y	4.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2798	ALL	402448.9	3781809	4.36E-06	1.333333Y	4.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2799	ALL	402468.9	3781809	4.07E-06	1.333333Y	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2800	ALL	402488.9	3781809	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2801	ALL	402508.9	3781809	3.73E-06	1.333333Y	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2802	ALL	401308.9	3781829	1.82E-06	1.333333Y	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2803	ALL	401328.9	3781829	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2804	ALL	401348.9	3781829	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2805	ALL	401368.9	3781829	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2806	ALL	401388.9	3781829	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2807	ALL	401408.9	3781829	2.55E-06	1.333333Y	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2808	ALL	401428.9	3781829	2.76E-06	1.333333Y	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2809	ALL	401448.9	3781829	3.02E-06	1.333333Y	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2810	ALL	401468.9	3781829	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2811	ALL	401488.9	3781829	3.67E-06	1.333333Y	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2812	ALL	401508.9	3781829	4.07E-06	1.333333Y	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2813	ALL	401528.9	3781829	4.56E-06	1.333333Y	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2814	ALL	401548.9	3781829	5.10E-06	1.333333Y	5.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2815	ALL	401568.9	3781829	5.66E-06	1.333333Y	5.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2816	ALL	401588.9	3781829	6.20E-06	1.333333Y	6.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2817	ALL	401608.9	3781829	6.55E-06	1.333333Y	6.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2818	ALL	401628.9	3781829	7.04E-06	1.333333Y	7.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2819	ALL	401648.9	3781829	8.01E-06	1.333333Y	8.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2820	ALL	401668.9	3781829	9.27E-06	1.333333Y	9.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2821	ALL	401688.9	3781829	1.09E-05	1.333333Y	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2822	ALL	401708.9	3781829	1.31E-05	1.333333Y	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2823	ALL	401728.9	3781829	1.60E-05	1.333333Y	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2824	ALL	401748.9	3781829	2.09E-05	1.333333Y	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2825	ALL	401768.9	3781829	2.86E-05	1.333333Y	2.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2826	ALL	401788.9	3781829	4.96E-05	1.333333Y	4.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2827	ALL	402068.9	3781829	3.15E-05	1.333333Y	3.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2828	ALL	402088.9	3781829	2.41E-05	1.333333Y	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2829	ALL	402108.9	3781829	2.03E-05	1.333333Y	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2830	ALL	402128.9	3781829	1.73E-05	1.333333Y	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2831	ALL	402148.9	3781829	1.49E-05	1.333333Y	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2832	ALL	402168.9	3781829	1.29E-05	1.333333Y	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2833	ALL	402188.9	3781829	1.14E-05	1.333333Y	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2834	ALL	402208.9	3781829	1.04E-05	1.333333Y	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2835	ALL	402228.9	3781829	9.71E-06	1.333333Y	9.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2836	ALL	402248.9	3781829	8.95E-06	1.333333Y	8.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2837	ALL	402268.9	3781829	8.30E-06	1.333333Y	8.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2838	ALL	402288.9	3781829	7.72E-06	1.333333Y	7.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2839	ALL	402308.9	3781829	7.19E-06	1.333333Y	7.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2840	ALL	402328.9	3781829	6.71E-06	1.333333Y	6.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2841	ALL	402348.9	3781829	6.30E-06	1.333333Y	6.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2842	ALL	402368.9	3781829	5.95E-06	1.333333Y	5.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2843	ALL	402388.9	3781829	5.28E-06	1.333333Y	5.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2844	ALL	402408.9	3781829	4.92E-06	1.333333Y	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2845	ALL	402428.9	3781829	4.71E-06	1.333333Y	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2846	ALL	402448.9	3781829	4.45E-06	1.333333Y	4.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2847	ALL	402468.9	3781829	4.16E-06	1.333333Y	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2848	ALL	402488.9	3781829	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2849	ALL	402508.9	3781829	3.79E-06	1.333333Y	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2850	ALL	401308.9	3781849	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2851	ALL	401328.9	3781849	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2852	ALL	401348.9	3781849	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2853	ALL	401368.9	3781849	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2854	ALL	401388.9	3781849	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2855	ALL	401408.9	3781849	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2856	ALL	401428.9	3781849	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2857	ALL	401448.9	3781849	2.87E-06	1.333333Y	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2858	ALL	401468.9	3781849	3.12E-06	1.333333Y	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2859	ALL	401488.9	3781849	3.49E-06	1.333333Y	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2860	ALL	401508.9	3781849	3.83E-06	1.333333Y	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2861	ALL	401528.9	3781849	4.30E-06	1.333333Y	4.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2862	ALL	401548.9	3781849	4.83E-06	1.333333Y	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2863	ALL	401568.9	3781849	5.16E-06	1.333333Y	5.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2864	ALL	401588.9	3781849	5.43E-06	1.333333Y	5.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2865	ALL	401608.9	3781849	6.00E-06	1.333333Y	6.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2866	ALL	401628.9	3781849	6.77E-06	1.333333Y	6.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2867	ALL	401648.9	3781849	7.72E-06	1.333333Y	7.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2868	ALL	401668.9	3781849	8.80E-06	1.333333Y	8.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2869	ALL	401688.9	3781849	1.01E-05	1.333333Y	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2870	ALL	401708.9	3781849	1.21E-05	1.333333Y	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2871	ALL	401728.9	3781849	1.49E-05	1.333333Y	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2872	ALL	401748.9	3781849	1.89E-05	1.333333Y	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2873	ALL	401768.9	3781849	2.58E-05	1.333333Y	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2874	ALL	401788.9	3781849	4.41E-05	1.333333Y	4.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2875	ALL	401908.9	3781849	5.37E-05	1.333333Y	5.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2876	ALL	401928.9	3781849	4.28E-05	1.333333Y	4.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2877	ALL	401948.9	3781849	3.79E-05	1.333333Y	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2878	ALL	401968.9	3781849	3.60E-05	1.333333Y	3.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2879	ALL	401988.9	3781849	3.50E-05	1.333333Y	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2880	ALL	402008.9	3781849	3.35E-05	1.333333Y	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2881	ALL	402028.9	3781849	3.09E-05	1.333333Y	3.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2882	ALL	402048.9	3781849	2.81E-05	1.333333Y	2.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2883	ALL	402068.9	3781849	2.34E-05	1.333333Y	2.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2884	ALL	402088.9	3781849	2.00E-05	1.333333Y	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2885	ALL	402108.9	3781849	1.72E-05	1.333333Y	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2886	ALL	402128.9	3781849	1.55E-05	1.333333Y	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2887	ALL	402148.9	3781849	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2888	ALL	402168.9	3781849	1.22E-05	1.333333Y	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2889	ALL	402188.9	3781849	1.08E-05	1.333333Y	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2890	ALL	402208.9	3781849	9.77E-06	1.333333Y	9.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2891	ALL	402228.9	3781849	9.03E-06	1.333333Y	9.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2892	ALL	402248.9	3781849	8.48E-06	1.333333Y	8.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2893	ALL	402268.9	3781849	7.89E-06	1.333333Y	7.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2894	ALL	402288.9	3781849	7.39E-06	1.333333Y	7.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2895	ALL	402308.9	3781849	6.90E-06	1.333333Y	6.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2896	ALL	402328.9	3781849	6.49E-06	1.333333Y	6.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2897	ALL	402348.9	3781849	6.13E-06	1.333333Y	6.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2898	ALL	402368.9	3781849	5.78E-06	1.333333Y	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2899	ALL	402388.9	3781849	5.21E-06	1.333333Y	5.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2900	ALL	402408.9	3781849	4.91E-06	1.333333Y	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2901	ALL	402428.9	3781849	4.72E-06	1.333333Y	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2902	ALL	402448.9	3781849	4.46E-06	1.333333Y	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2903	ALL	402468.9	3781849	4.22E-06	1.333333Y	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2904	ALL	402488.9	3781849	4.03E-06	1.333333Y	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2905	ALL	402508.9	3781849	3.84E-06	1.333333Y	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2906	ALL	401308.9	3781869	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2907	ALL	401328.9	3781869	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2908	ALL	401348.9	3781869	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2909	ALL	401368.9	3781869	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2910	ALL	401388.9	3781869	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2911	ALL	401408.9	3781869	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2912	ALL	401428.9	3781869	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2913	ALL	401448.9	3781869	2.66E-06	1.333333Y	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2914	ALL	401468.9	3781869	2.90E-06	1.333333Y	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2915	ALL	401488.9	3781869	3.28E-06	1.333333Y	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2916	ALL	401508.9	3781869	3.67E-06	1.333333Y	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2917	ALL	401528.9	3781869	4.09E-06	1.333333Y	4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2918	ALL	401548.9	3781869	4.55E-06	1.333333Y	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2919	ALL	401568.9	3781869	4.80E-06	1.333333Y	4.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2920	ALL	401588.9	3781869	5.22E-06	1.333333Y	5.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2921	ALL	401608.9	3781869	5.80E-06	1.333333Y	5.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2922	ALL	401628.9	3781869	6.45E-06	1.333333Y	6.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2923	ALL	401648.9	3781869	7.19E-06	1.333333Y	7.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2924	ALL	401668.9	3781869	8.15E-06	1.333333Y	8.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2925	ALL	401688.9	3781869	9.32E-06	1.333333Y	9.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2926	ALL	401708.9	3781869	9.89E-06	1.333333Y	9.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2927	ALL	401728.9	3781869	1.27E-05	1.333333Y	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2928	ALL	401748.9	3781869	1.53E-05	1.333333Y	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2929	ALL	401768.9	3781869	2.01E-05	1.333333Y	2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2930	ALL	401788.9	3781869	3.34E-05	1.333333Y	3.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2931	ALL	401888.9	3781869	5.10E-05	1.333333Y	5.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2932	ALL	401908.9	3781869	3.53E-05	1.333333Y	3.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2933	ALL	401928.9	3781869	2.99E-05	1.333333Y	2.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2934	ALL	401948.9	3781869	2.68E-05	1.333333Y	2.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2935	ALL	401968.9	3781869	2.53E-05	1.333333Y	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2936	ALL	401988.9	3781869	2.39E-05	1.333333Y	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2937	ALL	402008.9	3781869	2.35E-05	1.333333Y	2.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2938	ALL	402028.9	3781869	2.17E-05	1.333333Y	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2939	ALL	402048.9	3781869	1.97E-05	1.333333Y	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2940	ALL	402068.9	3781869	1.84E-05	1.333333Y	1.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2941	ALL	402088.9	3781869	1.62E-05	1.333333Y	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2942	ALL	402108.9	3781869	1.45E-05	1.333333Y	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2943	ALL	402128.9	3781869	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2944	ALL	402148.9	3781869	1.24E-05	1.333333Y	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2945	ALL	402168.9	3781869	1.12E-05	1.333333Y	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2946	ALL	402188.9	3781869	1.02E-05	1.333333Y	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2947	ALL	402208.9	3781869	9.22E-06	1.333333Y	9.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2948	ALL	402228.9	3781869	8.48E-06	1.333333Y	8.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2949	ALL	402248.9	3781869	7.95E-06	1.333333Y	7.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2950	ALL	402268.9	3781869	7.44E-06	1.333333Y	7.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2951	ALL	402288.9	3781869	6.97E-06	1.333333Y	6.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2952	ALL	402308.9	3781869	6.54E-06	1.333333Y	6.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2953	ALL	402328.9	3781869	6.17E-06	1.333333Y	6.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2954	ALL	402348.9	3781869	5.87E-06	1.333333Y	5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2955	ALL	402368.9	3781869	5.58E-06	1.333333Y	5.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2956	ALL	402388.9	3781869	5.15E-06	1.333333Y	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2957	ALL	402408.9	3781869	4.94E-06	1.333333Y	4.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2958	ALL	402428.9	3781869	4.72E-06	1.333333Y	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2959	ALL	402448.9	3781869	4.48E-06	1.333333Y	4.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2960	ALL	402468.9	3781869	4.25E-06	1.333333Y	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2961	ALL	402488.9	3781869	4.09E-06	1.333333Y	4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2962	ALL	402508.9	3781869	3.92E-06	1.333333Y	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2963	ALL	401308.9	3781889	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2964	ALL	401328.9	3781889	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2965	ALL	401348.9	3781889	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2966	ALL	401368.9	3781889	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2967	ALL	401388.9	3781889	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2968	ALL	401408.9	3781889	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2969	ALL	401428.9	3781889	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2970	ALL	401448.9	3781889	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2971	ALL	401468.9	3781889	2.55E-06	1.333333Y	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2972	ALL	401488.9	3781889	2.97E-06	1.333333Y	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2973	ALL	401508.9	3781889	3.28E-06	1.333333Y	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2974	ALL	401528.9	3781889	3.79E-06	1.333333Y	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2975	ALL	401548.9	3781889	4.25E-06	1.333333Y	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2976	ALL	401568.9	3781889	4.58E-06	1.333333Y	4.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2977	ALL	401588.9	3781889	5.01E-06	1.333333Y	5.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2978	ALL	401608.9	3781889	5.45E-06	1.333333Y	5.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2979	ALL	401628.9	3781889	6.02E-06	1.333333Y	6.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2980	ALL	401648.9	3781889	6.68E-06	1.333333Y	6.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2981	ALL	401668.9	3781889	6.92E-06	1.333333Y	6.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2982	ALL	401688.9	3781889	6.98E-06	1.333333Y	6.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2983	ALL	401708.9	3781889	7.88E-06	1.333333Y	7.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2984	ALL	401728.9	3781889	9.81E-06	1.333333Y	9.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2985	ALL	401748.9	3781889	1.30E-05	1.333333Y	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2986	ALL	401768.9	3781889	1.50E-05	1.333333Y	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2987	ALL	401788.9	3781889	1.99E-05	1.333333Y	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2988	ALL	401808.9	3781889	2.50E-05	1.333333Y	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2989	ALL	401828.9	3781889	3.63E-05	1.333333Y	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2990	ALL	401848.9	3781889	4.18E-05	1.333333Y	4.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2991	ALL	401868.9	3781889	3.87E-05	1.333333Y	3.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2992	ALL	401888.9	3781889	3.04E-05	1.333333Y	3.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2993	ALL	401908.9	3781889	2.48E-05	1.333333Y	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2994	ALL	401928.9	3781889	2.16E-05	1.333333Y	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2995	ALL	401948.9	3781889	1.93E-05	1.333333Y	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2996	ALL	401968.9	3781889	1.72E-05	1.333333Y	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2997	ALL	401988.9	3781889	1.67E-05	1.333333Y	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2998	ALL	402008.9	3781889	1.73E-05	1.333333Y	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2999	ALL	402028.9	3781889	1.63E-05	1.333333Y	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3000	ALL	402048.9	3781889	1.48E-05	1.333333Y	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3001	ALL	402068.9	3781889	1.42E-05	1.333333Y	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3002	ALL	402088.9	3781889	1.32E-05	1.333333Y	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3003	ALL	402108.9	3781889	1.23E-05	1.333333Y	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3004	ALL	402128.9	3781889	1.13E-05	1.333333Y	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3005	ALL	402148.9	3781889	1.09E-05	1.333333Y	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3006	ALL	402168.9	3781889	1.01E-05	1.333333Y	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3007	ALL	402188.9	3781889	9.30E-06	1.333333Y	9.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3008	ALL	402208.9	3781889	8.60E-06	1.333333Y	8.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3009	ALL	402228.9	3781889	7.93E-06	1.333333Y	7.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3010	ALL	402248.9	3781889	7.42E-06	1.333333Y	7.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3011	ALL	402268.9	3781889	6.88E-06	1.333333Y	6.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3012	ALL	402288.9	3781889	6.49E-06	1.333333Y	6.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3013	ALL	402308.9	3781889	6.16E-06	1.333333Y	6.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3014	ALL	402328.9	3781889	5.86E-06	1.333333Y	5.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3015	ALL	402348.9	3781889	5.68E-06	1.333333Y	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3016	ALL	402368.9	3781889	5.32E-06	1.333333Y	5.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3017	ALL	402388.9	3781889	5.02E-06	1.333333Y	5.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3018	ALL	402408.9	3781889	4.86E-06	1.333333Y	4.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3019	ALL	402428.9	3781889	4.67E-06	1.333333Y	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3020	ALL	402448.9	3781889	4.46E-06	1.333333Y	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3021	ALL	402468.9	3781889	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3022	ALL	402488.9	3781889	4.05E-06	1.333333Y	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3023	ALL	402508.9	3781889	3.88E-06	1.333333Y	3.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3024	ALL	401308.9	3781909	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3025	ALL	401328.9	3781909	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3026	ALL	401348.9	3781909	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3027	ALL	401368.9	3781909	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3028	ALL	401388.9	3781909	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3029	ALL	401408.9	3781909	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3030	ALL	401428.9	3781909	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3031	ALL	401448.9	3781909	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3032	ALL	401468.9	3781909	2.46E-06	1.333333Y	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3033	ALL	401488.9	3781909	2.75E-06	1.333333Y	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3034	ALL	401508.9	3781909	3.13E-06	1.333333Y	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3035	ALL	401528.9	3781909	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3036	ALL	401548.9	3781909	3.87E-06	1.333333Y	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3037	ALL	401568.9	3781909	4.17E-06	1.333333Y	4.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3038	ALL	401588.9	3781909	4.66E-06	1.333333Y	4.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3039	ALL	401608.9	3781909	5.09E-06	1.333333Y	5.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3040	ALL	401628.9	3781909	5.26E-06	1.333333Y	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3041	ALL	401648.9	3781909	5.14E-06	1.333333Y	5.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3042	ALL	401668.9	3781909	5.59E-06	1.333333Y	5.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3043	ALL	401688.9	3781909	6.33E-06	1.333333Y	6.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3044	ALL	401708.9	3781909	7.25E-06	1.333333Y	7.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3045	ALL	401728.9	3781909	8.40E-06	1.333333Y	8.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3046	ALL	401748.9	3781909	1.01E-05	1.333333Y	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3047	ALL	401768.9	3781909	1.12E-05	1.333333Y	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3048	ALL	401788.9	3781909	1.29E-05	1.333333Y	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3049	ALL	401808.9	3781909	1.50E-05	1.333333Y	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3050	ALL	401828.9	3781909	1.85E-05	1.333333Y	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3051	ALL	401848.9	3781909	1.99E-05	1.333333Y	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3052	ALL	401868.9	3781909	2.15E-05	1.333333Y	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3053	ALL	401888.9	3781909	1.95E-05	1.333333Y	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3054	ALL	401908.9	3781909	1.76E-05	1.333333Y	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3055	ALL	401928.9	3781909	1.54E-05	1.333333Y	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3056	ALL	401948.9	3781909	1.41E-05	1.333333Y	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3057	ALL	401968.9	3781909	1.31E-05	1.333333Y	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3058	ALL	401988.9	3781909	1.26E-05	1.333333Y	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3059	ALL	402008.9	3781909	1.22E-05	1.333333Y	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3060	ALL	402028.9	3781909	1.19E-05	1.333333Y	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3061	ALL	402048.9	3781909	1.14E-05	1.333333Y	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3062	ALL	402068.9	3781909	1.12E-05	1.333333Y	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3063	ALL	402088.9	3781909	1.08E-05	1.333333Y	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3064	ALL	402108.9	3781909	1.03E-05	1.333333Y	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3065	ALL	402128.9	3781909	9.64E-06	1.333333Y	9.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3066	ALL	402148.9	3781909	9.45E-06	1.333333Y	9.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3067	ALL	402168.9	3781909	9.12E-06	1.333333Y	9.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3068	ALL	402188.9	3781909	8.41E-06	1.333333Y	8.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3069	ALL	402208.9	3781909	7.91E-06	1.333333Y	7.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3070	ALL	402228.9	3781909	7.37E-06	1.333333Y	7.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3071	ALL	402248.9	3781909	6.88E-06	1.333333Y	6.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3072	ALL	402268.9	3781909	6.37E-06	1.333333Y	6.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3073	ALL	402288.9	3781909	5.94E-06	1.333333Y	5.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3074	ALL	402308.9	3781909	5.70E-06	1.333333Y	5.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3075	ALL	402328.9	3781909	5.48E-06	1.333333Y	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3076	ALL	402348.9	3781909	5.33E-06	1.333333Y	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3077	ALL	402368.9	3781909	5.14E-06	1.333333Y	5.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3078	ALL	402388.9	3781909	4.95E-06	1.333333Y	4.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3079	ALL	402408.9	3781909	4.70E-06	1.333333Y	4.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3080	ALL	402428.9	3781909	4.51E-06	1.333333Y	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3081	ALL	402448.9	3781909	4.33E-06	1.333333Y	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3082	ALL	402468.9	3781909	4.17E-06	1.333333Y	4.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3083	ALL	402488.9	3781909	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3084	ALL	402508.9	3781909	3.85E-06	1.333333Y	3.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3085	ALL	401308.9	3781929	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3086	ALL	401328.9	3781929	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3087	ALL	401348.9	3781929	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3088	ALL	401368.9	3781929	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3089	ALL	401388.9	3781929	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3090	ALL	401408.9	3781929	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3091	ALL	401428.9	3781929	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3092	ALL	401448.9	3781929	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3093	ALL	401468.9	3781929	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3094	ALL	401488.9	3781929	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3095	ALL	401508.9	3781929	2.95E-06	1.333333Y	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3096	ALL	401528.9	3781929	3.19E-06	1.333333Y	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3097	ALL	401548.9	3781929	3.66E-06	1.333333Y	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3098	ALL	401568.9	3781929	3.91E-06	1.333333Y	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3099	ALL	401588.9	3781929	4.05E-06	1.333333Y	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3100	ALL	401608.9	3781929	3.99E-06	1.333333Y	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3101	ALL	401628.9	3781929	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3102	ALL	401648.9	3781929	4.70E-06	1.333333Y	4.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3103	ALL	401668.9	3781929	5.24E-06	1.333333Y	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3104	ALL	401688.9	3781929	5.90E-06	1.333333Y	5.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3105	ALL	401708.9	3781929	6.48E-06	1.333333Y	6.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3106	ALL	401728.9	3781929	7.08E-06	1.333333Y	7.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3107	ALL	401748.9	3781929	7.74E-06	1.333333Y	7.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3108	ALL	401768.9	3781929	7.87E-06	1.333333Y	7.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3109	ALL	401788.9	3781929	8.88E-06	1.333333Y	8.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3110	ALL	401808.9	3781929	1.04E-05	1.333333Y	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3111	ALL	401828.9	3781929	1.27E-05	1.333333Y	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3112	ALL	401848.9	3781929	1.34E-05	1.333333Y	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3113	ALL	401868.9	3781929	1.37E-05	1.333333Y	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3114	ALL	401888.9	3781929	1.29E-05	1.333333Y	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3115	ALL	401908.9	3781929	1.21E-05	1.333333Y	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3116	ALL	401928.9	3781929	1.14E-05	1.333333Y	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3117	ALL	401948.9	3781929	1.05E-05	1.333333Y	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3118	ALL	401968.9	3781929	9.72E-06	1.333333Y	9.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3119	ALL	401988.9	3781929	9.30E-06	1.333333Y	9.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3120	ALL	402008.9	3781929	9.25E-06	1.333333Y	9.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3121	ALL	402028.9	3781929	9.15E-06	1.333333Y	9.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3122	ALL	402048.9	3781929	8.97E-06	1.333333Y	8.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3123	ALL	402068.9	3781929	9.04E-06	1.333333Y	9.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3124	ALL	402088.9	3781929	8.82E-06	1.333333Y	8.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3125	ALL	402108.9	3781929	8.61E-06	1.333333Y	8.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3126	ALL	402128.9	3781929	8.25E-06	1.333333Y	8.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3127	ALL	402148.9	3781929	8.06E-06	1.333333Y	8.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3128	ALL	402168.9	3781929	8.11E-06	1.333333Y	8.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3129	ALL	402188.9	3781929	7.66E-06	1.333333Y	7.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3130	ALL	402208.9	3781929	7.29E-06	1.333333Y	7.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3131	ALL	402228.9	3781929	6.75E-06	1.333333Y	6.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3132	ALL	402248.9	3781929	6.37E-06	1.333333Y	6.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3133	ALL	402268.9	3781929	5.86E-06	1.333333Y	5.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3134	ALL	402288.9	3781929	5.43E-06	1.333333Y	5.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3135	ALL	402308.9	3781929	5.23E-06	1.333333Y	5.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3136	ALL	402328.9	3781929	4.98E-06	1.333333Y	4.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3137	ALL	402348.9	3781929	4.77E-06	1.333333Y	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3138	ALL	402368.9	3781929	4.56E-06	1.333333Y	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3139	ALL	402388.9	3781929	4.63E-06	1.333333Y	4.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3140	ALL	402408.9	3781929	4.53E-06	1.333333Y	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3141	ALL	402428.9	3781929	4.37E-06	1.333333Y	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3142	ALL	402448.9	3781929	4.20E-06	1.333333Y	4.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3143	ALL	402468.9	3781929	4.06E-06	1.333333Y	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3144	ALL	402488.9	3781929	3.91E-06	1.333333Y	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3145	ALL	402508.9	3781929	3.77E-06	1.333333Y	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3146	ALL	401308.9	3781949	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3147	ALL	401328.9	3781949	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3148	ALL	401348.9	3781949	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3149	ALL	401368.9	3781949	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3150	ALL	401388.9	3781949	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3151	ALL	401408.9	3781949	1.74E-06	1.333333Y	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3152	ALL	401428.9	3781949	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3153	ALL	401448.9	3781949	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3154	ALL	401468.9	3781949	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3155	ALL	401488.9	3781949	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3156	ALL	401508.9	3781949	2.70E-06	1.333333Y	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3157	ALL	401528.9	3781949	3.11E-06	1.333333Y	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3158	ALL	401548.9	3781949	3.09E-06	1.333333Y	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3159	ALL	401568.9	3781949	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3160	ALL	401588.9	3781949	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3161	ALL	401608.9	3781949	3.60E-06	1.333333Y	3.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3162	ALL	401628.9	3781949	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3163	ALL	401648.9	3781949	4.44E-06	1.333333Y	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3164	ALL	401668.9	3781949	4.81E-06	1.333333Y	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3165	ALL	401688.9	3781949	5.12E-06	1.333333Y	5.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3166	ALL	401708.9	3781949	5.52E-06	1.333333Y	5.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3167	ALL	401728.9	3781949	6.09E-06	1.333333Y	6.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3168	ALL	401748.9	3781949	5.98E-06	1.333333Y	5.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3169	ALL	401768.9	3781949	6.14E-06	1.333333Y	6.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3170	ALL	401788.9	3781949	6.57E-06	1.333333Y	6.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3171	ALL	401808.9	3781949	8.04E-06	1.333333Y	8.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3172	ALL	401828.9	3781949	9.55E-06	1.333333Y	9.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3173	ALL	401848.9	3781949	9.97E-06	1.333333Y	9.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3174	ALL	401868.9	3781949	9.64E-06	1.333333Y	9.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3175	ALL	401888.9	3781949	9.26E-06	1.333333Y	9.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3176	ALL	401908.9	3781949	8.76E-06	1.333333Y	8.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3177	ALL	401928.9	3781949	8.31E-06	1.333333Y	8.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3178	ALL	401948.9	3781949	7.78E-06	1.333333Y	7.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3179	ALL	401968.9	3781949	7.21E-06	1.333333Y	7.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3180	ALL	401988.9	3781949	6.94E-06	1.333333Y	6.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3181	ALL	402008.9	3781949	7.07E-06	1.333333Y	7.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3182	ALL	402028.9	3781949	7.17E-06	1.333333Y	7.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3183	ALL	402048.9	3781949	7.08E-06	1.333333Y	7.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3184	ALL	402068.9	3781949	7.33E-06	1.333333Y	7.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3185	ALL	402088.9	3781949	7.24E-06	1.333333Y	7.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3186	ALL	402108.9	3781949	7.21E-06	1.333333Y	7.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3187	ALL	402128.9	3781949	6.95E-06	1.333333Y	6.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3188	ALL	402148.9	3781949	6.70E-06	1.333333Y	6.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3189	ALL	402168.9	3781949	7.21E-06	1.333333Y	7.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3190	ALL	402188.9	3781949	6.95E-06	1.333333Y	6.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3191	ALL	402208.9	3781949	6.57E-06	1.333333Y	6.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3192	ALL	402228.9	3781949	6.17E-06	1.333333Y	6.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3193	ALL	402248.9	3781949	5.87E-06	1.333333Y	5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3194	ALL	402268.9	3781949	5.49E-06	1.333333Y	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3195	ALL	402288.9	3781949	5.10E-06	1.333333Y	5.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3196	ALL	402308.9	3781949	4.79E-06	1.333333Y	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3197	ALL	402328.9	3781949	4.55E-06	1.333333Y	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3198	ALL	402348.9	3781949	4.37E-06	1.333333Y	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3199	ALL	402368.9	3781949	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3200	ALL	402388.9	3781949	4.16E-06	1.333333Y	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3201	ALL	402408.9	3781949	4.29E-06	1.333333Y	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3202	ALL	402428.9	3781949	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3203	ALL	402448.9	3781949	4.02E-06	1.333333Y	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3204	ALL	402468.9	3781949	3.89E-06	1.333333Y	3.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3205	ALL	402488.9	3781949	3.76E-06	1.333333Y	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3206	ALL	402508.9	3781949	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3207	ALL	401308.9	3781969	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3208	ALL	401328.9	3781969	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3209	ALL	401348.9	3781969	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3210	ALL	401368.9	3781969	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3211	ALL	401388.9	3781969	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3212	ALL	401408.9	3781969	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3213	ALL	401428.9	3781969	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3214	ALL	401448.9	3781969	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3215	ALL	401468.9	3781969	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3216	ALL	401488.9	3781969	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3217	ALL	401508.9	3781969	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3218	ALL	401528.9	3781969	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3219	ALL	401548.9	3781969	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3220	ALL	401568.9	3781969	2.79E-06	1.333333Y	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3221	ALL	401588.9	3781969	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3222	ALL	401608.9	3781969	3.38E-06	1.333333Y	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3223	ALL	401628.9	3781969	3.68E-06	1.333333Y	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3224	ALL	401648.9	3781969	3.85E-06	1.333333Y	3.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3225	ALL	401668.9	3781969	4.26E-06	1.333333Y	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3226	ALL	401688.9	3781969	4.55E-06	1.333333Y	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3227	ALL	401708.9	3781969	4.69E-06	1.333333Y	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3228	ALL	401728.9	3781969	4.46E-06	1.333333Y	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3229	ALL	401748.9	3781969	4.71E-06	1.333333Y	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3230	ALL	401768.9	3781969	4.88E-06	1.333333Y	4.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3231	ALL	401788.9	3781969	5.08E-06	1.333333Y	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3232	ALL	401808.9	3781969	6.10E-06	1.333333Y	6.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3233	ALL	401828.9	3781969	7.57E-06	1.333333Y	7.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3234	ALL	401848.9	3781969	7.82E-06	1.333333Y	7.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3235	ALL	401868.9	3781969	7.42E-06	1.333333Y	7.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3236	ALL	401888.9	3781969	6.89E-06	1.333333Y	6.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3237	ALL	401908.9	3781969	6.49E-06	1.333333Y	6.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3238	ALL	401928.9	3781969	6.10E-06	1.333333Y	6.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3239	ALL	401948.9	3781969	5.82E-06	1.333333Y	5.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3240	ALL	401968.9	3781969	5.68E-06	1.333333Y	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3241	ALL	401988.9	3781969	5.57E-06	1.333333Y	5.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3242	ALL	402008.9	3781969	5.64E-06	1.333333Y	5.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3243	ALL	402028.9	3781969	5.68E-06	1.333333Y	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3244	ALL	402048.9	3781969	5.77E-06	1.333333Y	5.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3245	ALL	402068.9	3781969	5.71E-06	1.333333Y	5.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3246	ALL	402088.9	3781969	5.68E-06	1.333333Y	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3247	ALL	402108.9	3781969	5.96E-06	1.333333Y	5.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3248	ALL	402128.9	3781969	5.78E-06	1.333333Y	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3249	ALL	402148.9	3781969	5.71E-06	1.333333Y	5.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3250	ALL	402168.9	3781969	6.43E-06	1.333333Y	6.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3251	ALL	402188.9	3781969	6.27E-06	1.333333Y	6.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3252	ALL	402208.9	3781969	5.83E-06	1.333333Y	5.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3253	ALL	402228.9	3781969	5.59E-06	1.333333Y	5.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3254	ALL	402248.9	3781969	5.33E-06	1.333333Y	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3255	ALL	402268.9	3781969	5.14E-06	1.333333Y	5.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3256	ALL	402288.9	3781969	4.91E-06	1.333333Y	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3257	ALL	402308.9	3781969	4.54E-06	1.333333Y	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3258	ALL	402328.9	3781969	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3259	ALL	402348.9	3781969	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3260	ALL	402368.9	3781969	3.74E-06	1.333333Y	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3261	ALL	402388.9	3781969	3.77E-06	1.333333Y	3.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3262	ALL	402408.9	3781969	4.01E-06	1.333333Y	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3263	ALL	402428.9	3781969	3.90E-06	1.333333Y	3.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3264	ALL	402448.9	3781969	3.79E-06	1.333333Y	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3265	ALL	402468.9	3781969	3.68E-06	1.333333Y	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3266	ALL	402488.9	3781969	3.59E-06	1.333333Y	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3267	ALL	402508.9	3781969	3.48E-06	1.333333Y	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3268	ALL	401308.9	3781989	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3269	ALL	401328.9	3781989	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3270	ALL	401348.9	3781989	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3271	ALL	401368.9	3781989	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3272	ALL	401388.9	3781989	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3273	ALL	401408.9	3781989	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3274	ALL	401428.9	3781989	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3275	ALL	401448.9	3781989	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3276	ALL	401468.9	3781989	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3277	ALL	401488.9	3781989	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3278	ALL	401508.9	3781989	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3279	ALL	401528.9	3781989	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3280	ALL	401548.9	3781989	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3281	ALL	401568.9	3781989	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3282	ALL	401588.9	3781989	2.80E-06	1.333333Y	2.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3283	ALL	401608.9	3781989	2.97E-06	1.333333Y	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3284	ALL	401628.9	3781989	3.25E-06	1.333333Y	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3285	ALL	401648.9	3781989	3.52E-06	1.333333Y	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3286	ALL	401668.9	3781989	3.52E-06	1.333333Y	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3287	ALL	401688.9	3781989	3.25E-06	1.333333Y	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3288	ALL	401708.9	3781989	3.12E-06	1.333333Y	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3289	ALL	401728.9	3781989	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3290	ALL	401748.9	3781989	3.79E-06	1.333333Y	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3291	ALL	401768.9	3781989	3.75E-06	1.333333Y	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3292	ALL	401788.9	3781989	3.97E-06	1.333333Y	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3293	ALL	401808.9	3781989	4.54E-06	1.333333Y	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3294	ALL	401828.9	3781989	6.06E-06	1.333333Y	6.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3295	ALL	401848.9	3781989	6.11E-06	1.333333Y	6.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3296	ALL	401868.9	3781989	5.79E-06	1.333333Y	5.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3297	ALL	401888.9	3781989	5.27E-06	1.333333Y	5.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3298	ALL	401908.9	3781989	4.94E-06	1.333333Y	4.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3299	ALL	401928.9	3781989	4.84E-06	1.333333Y	4.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3300	ALL	401948.9	3781989	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3301	ALL	401968.9	3781989	4.74E-06	1.333333Y	4.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3302	ALL	401988.9	3781989	4.71E-06	1.333333Y	4.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3303	ALL	402008.9	3781989	4.72E-06	1.333333Y	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3304	ALL	402028.9	3781989	4.72E-06	1.333333Y	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3305	ALL	402048.9	3781989	4.89E-06	1.333333Y	4.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3306	ALL	402068.9	3781989	4.83E-06	1.333333Y	4.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3307	ALL	402088.9	3781989	4.78E-06	1.333333Y	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3308	ALL	402108.9	3781989	4.78E-06	1.333333Y	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3309	ALL	402128.9	3781989	4.85E-06	1.333333Y	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3310	ALL	402148.9	3781989	5.05E-06	1.333333Y	5.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3311	ALL	402168.9	3781989	5.68E-06	1.333333Y	5.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3312	ALL	402188.9	3781989	5.53E-06	1.333333Y	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3313	ALL	402208.9	3781989	5.21E-06	1.333333Y	5.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3314	ALL	402228.9	3781989	5.00E-06	1.333333Y	5.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3315	ALL	402248.9	3781989	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3316	ALL	402268.9	3781989	4.53E-06	1.333333Y	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3317	ALL	402288.9	3781989	4.32E-06	1.333333Y	4.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3318	ALL	402308.9	3781989	3.98E-06	1.333333Y	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3319	ALL	402328.9	3781989	3.58E-06	1.333333Y	3.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3320	ALL	402348.9	3781989	3.50E-06	1.333333Y	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3321	ALL	402368.9	3781989	3.37E-06	1.333333Y	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3322	ALL	402388.9	3781989	3.37E-06	1.333333Y	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3323	ALL	402408.9	3781989	3.73E-06	1.333333Y	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3324	ALL	402428.9	3781989	3.65E-06	1.333333Y	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3325	ALL	402448.9	3781989	3.53E-06	1.333333Y	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3326	ALL	402468.9	3781989	3.44E-06	1.333333Y	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3327	ALL	402488.9	3781989	3.35E-06	1.333333Y	3.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3328	ALL	402508.9	3781989	3.27E-06	1.333333Y	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3329	ALL	401308.9	3782009	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3330	ALL	401328.9	3782009	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3331	ALL	401348.9	3782009	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3332	ALL	401368.9	3782009	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3333	ALL	401388.9	3782009	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3334	ALL	401408.9	3782009	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3335	ALL	401428.9	3782009	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3336	ALL	401448.9	3782009	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3337	ALL	401468.9	3782009	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3338	ALL	401488.9	3782009	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3339	ALL	401508.9	3782009	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3340	ALL	401528.9	3782009	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3341	ALL	401548.9	3782009	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3342	ALL	401568.9	3782009	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3343	ALL	401588.9	3782009	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3344	ALL	401608.9	3782009	2.71E-06	1.333333Y	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3345	ALL	401628.9	3782009	2.72E-06	1.333333Y	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3346	ALL	401648.9	3782009	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3347	ALL	401668.9	3782009	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3348	ALL	401688.9	3782009	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3349	ALL	401708.9	3782009	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3350	ALL	401728.9	3782009	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3351	ALL	401748.9	3782009	3.14E-06	1.333333Y	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3352	ALL	401768.9	3782009	3.15E-06	1.333333Y	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3353	ALL	401788.9	3782009	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3354	ALL	401808.9	3782009	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3355	ALL	401828.9	3782009	4.41E-06	1.333333Y	4.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3356	ALL	401848.9	3782009	4.50E-06	1.333333Y	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3357	ALL	401868.9	3782009	4.09E-06	1.333333Y	4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3358	ALL	401888.9	3782009	3.92E-06	1.333333Y	3.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3359	ALL	401908.9	3782009	3.89E-06	1.333333Y	3.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3360	ALL	401928.9	3782009	4.00E-06	1.333333Y	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3361	ALL	401948.9	3782009	3.95E-06	1.333333Y	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3362	ALL	401968.9	3782009	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3363	ALL	401988.9	3782009	3.94E-06	1.333333Y	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3364	ALL	402008.9	3782009	3.91E-06	1.333333Y	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3365	ALL	402028.9	3782009	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3366	ALL	402048.9	3782009	4.02E-06	1.333333Y	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3367	ALL	402068.9	3782009	4.13E-06	1.333333Y	4.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3368	ALL	402088.9	3782009	4.22E-06	1.333333Y	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3369	ALL	402108.9	3782009	4.16E-06	1.333333Y	4.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3370	ALL	402128.9	3782009	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3371	ALL	402148.9	3782009	4.79E-06	1.333333Y	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3372	ALL	402168.9	3782009	4.96E-06	1.333333Y	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3373	ALL	402188.9	3782009	4.95E-06	1.333333Y	4.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3374	ALL	402208.9	3782009	4.63E-06	1.333333Y	4.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3375	ALL	402228.9	3782009	4.45E-06	1.333333Y	4.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3376	ALL	402248.9	3782009	4.25E-06	1.333333Y	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3377	ALL	402268.9	3782009	3.86E-06	1.333333Y	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3378	ALL	402288.9	3782009	3.66E-06	1.333333Y	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3379	ALL	402308.9	3782009	3.29E-06	1.333333Y	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3380	ALL	402328.9	3782009	3.16E-06	1.333333Y	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3381	ALL	402348.9	3782009	3.13E-06	1.333333Y	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3382	ALL	402368.9	3782009	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3383	ALL	402388.9	3782009	3.07E-06	1.333333Y	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3384	ALL	402408.9	3782009	3.29E-06	1.333333Y	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3385	ALL	402428.9	3782009	3.18E-06	1.333333Y	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3386	ALL	402448.9	3782009	3.12E-06	1.333333Y	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3387	ALL	402468.9	3782009	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3388	ALL	402488.9	3782009	3.02E-06	1.333333Y	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3389	ALL	402508.9	3782009	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3390	ALL	401308.9	3782029	9.83E-07	1.333333Y	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3391	ALL	401328.9	3782029	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3392	ALL	401348.9	3782029	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3393	ALL	401368.9	3782029	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3394	ALL	401388.9	3782029	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3395	ALL	401408.9	3782029	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3396	ALL	401428.9	3782029	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3397	ALL	401448.9	3782029	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3398	ALL	401468.9	3782029	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3399	ALL	401488.9	3782029	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3400	ALL	401508.9	3782029	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3401	ALL	401528.9	3782029	1.85E-06	1.333333Y	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3402	ALL	401548.9	3782029	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3403	ALL	401568.9	3782029	2.19E-06	1.333333Y	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3404	ALL	401588.9	3782029	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3405	ALL	401608.9	3782029	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3406	ALL	401628.9	3782029	1.91E-06	1.333333Y	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3407	ALL	401648.9	3782029	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3408	ALL	401668.9	3782029	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3409	ALL	401688.9	3782029	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3410	ALL	401708.9	3782029	2.40E-06	1.333333Y	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3411	ALL	401728.9	3782029	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3412	ALL	401748.9	3782029	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3413	ALL	401768.9	3782029	2.55E-06	1.333333Y	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3414	ALL	401788.9	3782029	2.67E-06	1.333333Y	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3415	ALL	401808.9	3782029	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3416	ALL	401828.9	3782029	3.30E-06	1.333333Y	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3417	ALL	401848.9	3782029	3.39E-06	1.333333Y	3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3418	ALL	401868.9	3782029	3.27E-06	1.333333Y	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3419	ALL	401888.9	3782029	3.21E-06	1.333333Y	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3420	ALL	401908.9	3782029	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3421	ALL	401928.9	3782029	3.16E-06	1.333333Y	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3422	ALL	401948.9	3782029	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3423	ALL	401968.9	3782029	2.99E-06	1.333333Y	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3424	ALL	401988.9	3782029	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3425	ALL	402008.9	3782029	3.00E-06	1.333333Y	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3426	ALL	402028.9	3782029	3.07E-06	1.333333Y	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3427	ALL	402048.9	3782029	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3428	ALL	402068.9	3782029	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3429	ALL	402088.9	3782029	3.40E-06	1.333333Y	3.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3430	ALL	402108.9	3782029	3.43E-06	1.333333Y	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3431	ALL	402128.9	3782029	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3432	ALL	402148.9	3782029	4.24E-06	1.333333Y	4.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3433	ALL	402168.9	3782029	4.37E-06	1.333333Y	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3434	ALL	402188.9	3782029	4.28E-06	1.333333Y	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3435	ALL	402208.9	3782029	3.99E-06	1.333333Y	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3436	ALL	402228.9	3782029	3.91E-06	1.333333Y	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3437	ALL	402248.9	3782029	3.66E-06	1.333333Y	3.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3438	ALL	402268.9	3782029	3.49E-06	1.333333Y	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3439	ALL	402288.9	3782029	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3440	ALL	402308.9	3782029	2.70E-06	1.333333Y	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3441	ALL	402328.9	3782029	2.61E-06	1.333333Y	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3442	ALL	402348.9	3782029	2.72E-06	1.333333Y	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3443	ALL	402368.9	3782029	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3444	ALL	402388.9	3782029	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3445	ALL	402408.9	3782029	2.90E-06	1.333333Y	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3446	ALL	402428.9	3782029	2.88E-06	1.333333Y	2.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3447	ALL	402448.9	3782029	2.83E-06	1.333333Y	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3448	ALL	402468.9	3782029	2.85E-06	1.333333Y	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3449	ALL	402488.9	3782029	2.81E-06	1.333333Y	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3450	ALL	402508.9	3782029	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3451	ALL	401308.9	3782049	9.01E-07	1.333333Y	9.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3452	ALL	401328.9	3782049	9.22E-07	1.333333Y	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3453	ALL	401348.9	3782049	9.18E-07	1.333333Y	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3454	ALL	401368.9	3782049	9.53E-07	1.333333Y	9.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3455	ALL	401388.9	3782049	9.90E-07	1.333333Y	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3456	ALL	401408.9	3782049	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3457	ALL	401428.9	3782049	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3458	ALL	401448.9	3782049	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3459	ALL	401468.9	3782049	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3460	ALL	401488.9	3782049	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3461	ALL	401508.9	3782049	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3462	ALL	401528.9	3782049	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3463	ALL	401548.9	3782049	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3464	ALL	401568.9	3782049	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3465	ALL	401588.9	3782049	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3466	ALL	401608.9	3782049	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3467	ALL	401628.9	3782049	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3468	ALL	401648.9	3782049	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3469	ALL	401668.9	3782049	1.92E-06	1.333333Y	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3470	ALL	401688.9	3782049	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3471	ALL	401708.9	3782049	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3472	ALL	401728.9	3782049	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3473	ALL	401748.9	3782049	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3474	ALL	401768.9	3782049	2.24E-06	1.333333Y	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3475	ALL	401788.9	3782049	2.32E-06	1.333333Y	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3476	ALL	401808.9	3782049	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3477	ALL	401828.9	3782049	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3478	ALL	401848.9	3782049	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3479	ALL	401868.9	3782049	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3480	ALL	401888.9	3782049	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3481	ALL	401908.9	3782049	2.60E-06	1.333333Y	2.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3482	ALL	401928.9	3782049	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3483	ALL	401948.9	3782049	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3484	ALL	401968.9	3782049	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3485	ALL	401988.9	3782049	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3486	ALL	402008.9	3782049	2.50E-06	1.333333Y	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3487	ALL	402028.9	3782049	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3488	ALL	402048.9	3782049	2.63E-06	1.333333Y	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3489	ALL	402068.9	3782049	2.70E-06	1.333333Y	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3490	ALL	402088.9	3782049	2.78E-06	1.333333Y	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3491	ALL	402108.9	3782049	2.87E-06	1.333333Y	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3492	ALL	402128.9	3782049	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3493	ALL	402148.9	3782049	3.73E-06	1.333333Y	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3494	ALL	402168.9	3782049	3.96E-06	1.333333Y	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3495	ALL	402188.9	3782049	3.46E-06	1.333333Y	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3496	ALL	402208.9	3782049	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3497	ALL	402228.9	3782049	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3498	ALL	402248.9	3782049	3.25E-06	1.333333Y	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3499	ALL	402268.9	3782049	2.95E-06	1.333333Y	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3500	ALL	402288.9	3782049	2.50E-06	1.333333Y	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3501	ALL	402308.9	3782049	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3502	ALL	402328.9	3782049	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3503	ALL	402348.9	3782049	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3504	ALL	402368.9	3782049	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3505	ALL	402388.9	3782049	2.35E-06	1.333333Y	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3506	ALL	402408.9	3782049	2.50E-06	1.333333Y	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3507	ALL	402428.9	3782049	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3508	ALL	402448.9	3782049	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3509	ALL	402468.9	3782049	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3510	ALL	402488.9	3782049	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3511	ALL	402508.9	3782049	2.36E-06	1.333333Y	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3512	ALL	401308.9	3782069	8.24E-07	1.333333Y	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3513	ALL	401328.9	3782069	8.36E-07	1.333333Y	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3514	ALL	401348.9	3782069	8.62E-07	1.333333Y	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3515	ALL	401368.9	3782069	8.91E-07	1.333333Y	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3516	ALL	401388.9	3782069	9.39E-07	1.333333Y	9.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3517	ALL	401408.9	3782069	9.83E-07	1.333333Y	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3518	ALL	401428.9	3782069	9.91E-07	1.333333Y	9.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3519	ALL	401448.9	3782069	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3520	ALL	401468.9	3782069	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3521	ALL	401488.9	3782069	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3522	ALL	401508.9	3782069	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3523	ALL	401528.9	3782069	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3524	ALL	401548.9	3782069	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3525	ALL	401568.9	3782069	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3526	ALL	401588.9	3782069	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3527	ALL	401608.9	3782069	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3528	ALL	401628.9	3782069	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3529	ALL	401648.9	3782069	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3530	ALL	401668.9	3782069	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3531	ALL	401688.9	3782069	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3532	ALL	401708.9	3782069	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3533	ALL	401728.9	3782069	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3534	ALL	401748.9	3782069	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3535	ALL	401768.9	3782069	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3536	ALL	401788.9	3782069	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3537	ALL	401808.9	3782069	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3538	ALL	401828.9	3782069	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3539	ALL	401848.9	3782069	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3540	ALL	401868.9	3782069	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3541	ALL	401888.9	3782069	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3542	ALL	401908.9	3782069	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3543	ALL	401928.9	3782069	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3544	ALL	401948.9	3782069	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3545	ALL	401968.9	3782069	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3546	ALL	401988.9	3782069	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3547	ALL	402008.9	3782069	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3548	ALL	402028.9	3782069	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3549	ALL	402048.9	3782069	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3550	ALL	402068.9	3782069	2.46E-06	1.333333Y	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3551	ALL	402088.9	3782069	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3552	ALL	402108.9	3782069	2.57E-06	1.333333Y	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3553	ALL	402128.9	3782069	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3554	ALL	402148.9	3782069	3.21E-06	1.333333Y	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3555	ALL	402168.9	3782069	3.45E-06	1.333333Y	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3556	ALL	402188.9	3782069	2.61E-06	1.333333Y	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3557	ALL	402208.9	3782069	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3558	ALL	402228.9	3782069	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3559	ALL	402248.9	3782069	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3560	ALL	402268.9	3782069	2.58E-06	1.333333Y	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3561	ALL	402288.9	3782069	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3562	ALL	402308.9	3782069	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3563	ALL	402328.9	3782069	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3564	ALL	402348.9	3782069	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3565	ALL	402368.9	3782069	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3566	ALL	402388.9	3782069	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3567	ALL	402408.9	3782069	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3568	ALL	402428.9	3782069	2.14E-06	1.333333Y	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3569	ALL	402448.9	3782069	2.12E-06	1.333333Y	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3570	ALL	402468.9	3782069	2.36E-06	1.333333Y	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3571	ALL	402488.9	3782069	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3572	ALL	402508.9	3782069	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3573	ALL	401308.9	3782089	7.77E-07	1.333333Y	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3574	ALL	401328.9	3782089	7.98E-07	1.333333Y	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3575	ALL	401348.9	3782089	8.26E-07	1.333333Y	8.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3576	ALL	401368.9	3782089	8.51E-07	1.333333Y	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3577	ALL	401388.9	3782089	8.68E-07	1.333333Y	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3578	ALL	401408.9	3782089	8.80E-07	1.333333Y	8.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3579	ALL	401428.9	3782089	9.25E-07	1.333333Y	9.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3580	ALL	401448.9	3782089	9.23E-07	1.333333Y	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3581	ALL	401468.9	3782089	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3582	ALL	401488.9	3782089	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3583	ALL	401508.9	3782089	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3584	ALL	401528.9	3782089	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3585	ALL	401548.9	3782089	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3586	ALL	401568.9	3782089	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3587	ALL	401588.9	3782089	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3588	ALL	401608.9	3782089	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3589	ALL	401628.9	3782089	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3590	ALL	401648.9	3782089	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3591	ALL	401668.9	3782089	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3592	ALL	401688.9	3782089	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3593	ALL	401708.9	3782089	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3594	ALL	401728.9	3782089	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3595	ALL	401748.9	3782089	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3596	ALL	401768.9	3782089	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3597	ALL	401788.9	3782089	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3598	ALL	401808.9	3782089	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3599	ALL	401828.9	3782089	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3600	ALL	401848.9	3782089	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3601	ALL	401868.9	3782089	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3602	ALL	401888.9	3782089	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3603	ALL	401908.9	3782089	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3604	ALL	401928.9	3782089	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3605	ALL	401948.9	3782089	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3606	ALL	401968.9	3782089	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3607	ALL	401988.9	3782089	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3608	ALL	402008.9	3782089	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3609	ALL	402028.9	3782089	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3610	ALL	402048.9	3782089	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3611	ALL	402068.9	3782089	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3612	ALL	402088.9	3782089	2.11E-06	1.333333Y	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3613	ALL	402108.9	3782089	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3614	ALL	402128.9	3782089	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3615	ALL	402148.9	3782089	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3616	ALL	402168.9	3782089	2.90E-06	1.333333Y	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3617	ALL	402188.9	3782089	2.62E-06	1.333333Y	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3618	ALL	402208.9	3782089	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3619	ALL	402228.9	3782089	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3620	ALL	402248.9	3782089	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3621	ALL	402268.9	3782089	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3622	ALL	402288.9	3782089	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3623	ALL	402308.9	3782089	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3624	ALL	402328.9	3782089	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3625	ALL	402348.9	3782089	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3626	ALL	402368.9	3782089	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3627	ALL	402388.9	3782089	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3628	ALL	402408.9	3782089	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3629	ALL	402428.9	3782089	1.91E-06	1.333333Y	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3630	ALL	402448.9	3782089	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3631	ALL	402468.9	3782089	2.16E-06	1.333333Y	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3632	ALL	402488.9	3782089	2.02E-06	1.333333Y	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3633	ALL	402508.9	3782089	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3634	ALL	401308.9	3782109	7.45E-07	1.333333Y	7.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3635	ALL	401328.9	3782109	7.69E-07	1.333333Y	7.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3636	ALL	401348.9	3782109	7.91E-07	1.333333Y	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3637	ALL	401368.9	3782109	7.94E-07	1.333333Y	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3638	ALL	401388.9	3782109	8.06E-07	1.333333Y	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3639	ALL	401408.9	3782109	8.14E-07	1.333333Y	8.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3640	ALL	401428.9	3782109	8.21E-07	1.333333Y	8.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3641	ALL	401448.9	3782109	8.33E-07	1.333333Y	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3642	ALL	401468.9	3782109	9.26E-07	1.333333Y	9.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3643	ALL	401488.9	3782109	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3644	ALL	401508.9	3782109	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3645	ALL	401528.9	3782109	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3646	ALL	401548.9	3782109	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3647	ALL	401568.9	3782109	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3648	ALL	401588.9	3782109	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3649	ALL	401608.9	3782109	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3650	ALL	401628.9	3782109	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3651	ALL	401648.9	3782109	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3652	ALL	401668.9	3782109	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3653	ALL	401688.9	3782109	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3654	ALL	401708.9	3782109	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3655	ALL	401728.9	3782109	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3656	ALL	401748.9	3782109	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3657	ALL	401768.9	3782109	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3658	ALL	401788.9	3782109	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3659	ALL	401808.9	3782109	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3660	ALL	401828.9	3782109	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3661	ALL	401848.9	3782109	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3662	ALL	401868.9	3782109	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3663	ALL	401888.9	3782109	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3664	ALL	401908.9	3782109	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3665	ALL	401928.9	3782109	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3666	ALL	401948.9	3782109	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3667	ALL	401968.9	3782109	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3668	ALL	401988.9	3782109	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3669	ALL	402008.9	3782109	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3670	ALL	402028.9	3782109	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3671	ALL	402048.9	3782109	1.73E-06	1.333333Y	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3672	ALL	402068.9	3782109	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3673	ALL	402088.9	3782109	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3674	ALL	402108.9	3782109	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3675	ALL	402128.9	3782109	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3676	ALL	402148.9	3782109	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3677	ALL	402168.9	3782109	2.28E-06	1.333333Y	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3678	ALL	402188.9	3782109	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3679	ALL	402208.9	3782109	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3680	ALL	402228.9	3782109	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3681	ALL	402248.9	3782109	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3682	ALL	402268.9	3782109	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3683	ALL	402288.9	3782109	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3684	ALL	402308.9	3782109	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3685	ALL	402328.9	3782109	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3686	ALL	402348.9	3782109	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3687	ALL	402368.9	3782109	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3688	ALL	402388.9	3782109	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3689	ALL	402408.9	3782109	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3690	ALL	402428.9	3782109	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3691	ALL	402448.9	3782109	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3692	ALL	402468.9	3782109	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3693	ALL	402488.9	3782109	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3694	ALL	402508.9	3782109	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3695	ALL	401308.9	3782129	7.12E-07	1.333333Y	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3696	ALL	401328.9	3782129	7.29E-07	1.333333Y	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3697	ALL	401348.9	3782129	7.38E-07	1.333333Y	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3698	ALL	401368.9	3782129	7.40E-07	1.333333Y	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3699	ALL	401388.9	3782129	7.47E-07	1.333333Y	7.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3700	ALL	401408.9	3782129	7.53E-07	1.333333Y	7.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3701	ALL	401428.9	3782129	7.73E-07	1.333333Y	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3702	ALL	401448.9	3782129	7.65E-07	1.333333Y	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3703	ALL	401468.9	3782129	8.13E-07	1.333333Y	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3704	ALL	401488.9	3782129	8.52E-07	1.333333Y	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3705	ALL	401508.9	3782129	8.54E-07	1.333333Y	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3706	ALL	401528.9	3782129	9.17E-07	1.333333Y	9.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3707	ALL	401548.9	3782129	8.92E-07	1.333333Y	8.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3708	ALL	401568.9	3782129	8.90E-07	1.333333Y	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3709	ALL	401588.9	3782129	9.29E-07	1.333333Y	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3710	ALL	401608.9	3782129	9.55E-07	1.333333Y	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3711	ALL	401628.9	3782129	9.92E-07	1.333333Y	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3712	ALL	401648.9	3782129	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3713	ALL	401668.9	3782129	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3714	ALL	401688.9	3782129	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3715	ALL	401708.9	3782129	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3716	ALL	401728.9	3782129	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3717	ALL	401748.9	3782129	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3718	ALL	401768.9	3782129	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3719	ALL	401788.9	3782129	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3720	ALL	401808.9	3782129	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3721	ALL	401828.9	3782129	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3722	ALL	401848.9	3782129	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3723	ALL	401868.9	3782129	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3724	ALL	401888.9	3782129	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3725	ALL	401908.9	3782129	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3726	ALL	401928.9	3782129	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3727	ALL	401948.9	3782129	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3728	ALL	401968.9	3782129	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3729	ALL	401988.9	3782129	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3730	ALL	402008.9	3782129	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3731	ALL	402028.9	3782129	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3732	ALL	402048.9	3782129	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3733	ALL	402068.9	3782129	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3734	ALL	402088.9	3782129	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3735	ALL	402108.9	3782129	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3736	ALL	402128.9	3782129	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3737	ALL	402148.9	3782129	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3738	ALL	402168.9	3782129	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3739	ALL	402188.9	3782129	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3740	ALL	402208.9	3782129	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3741	ALL	402228.9	3782129	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3742	ALL	402248.9	3782129	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3743	ALL	402268.9	3782129	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3744	ALL	402288.9	3782129	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3745	ALL	402308.9	3782129	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3746	ALL	402328.9	3782129	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3747	ALL	402348.9	3782129	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3748	ALL	402368.9	3782129	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3749	ALL	402388.9	3782129	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3750	ALL	402408.9	3782129	1.42E-06	1.333333Y	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3751	ALL	402428.9	3782129	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3752	ALL	402448.9	3782129	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3753	ALL	402468.9	3782129	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3754	ALL	402488.9	3782129	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3755	ALL	402508.9	3782129	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3756	ALL	401308.9	3782149	6.36E-07	1.333333Y	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3757	ALL	401328.9	3782149	6.75E-07	1.333333Y	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3758	ALL	401348.9	3782149	6.85E-07	1.333333Y	6.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3759	ALL	401368.9	3782149	6.88E-07	1.333333Y	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3760	ALL	401388.9	3782149	6.95E-07	1.333333Y	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3761	ALL	401408.9	3782149	7.05E-07	1.333333Y	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3762	ALL	401428.9	3782149	6.99E-07	1.333333Y	6.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3763	ALL	401448.9	3782149	7.02E-07	1.333333Y	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3764	ALL	401468.9	3782149	7.22E-07	1.333333Y	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3765	ALL	401488.9	3782149	6.97E-07	1.333333Y	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3766	ALL	401508.9	3782149	7.15E-07	1.333333Y	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3767	ALL	401528.9	3782149	7.55E-07	1.333333Y	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3768	ALL	401548.9	3782149	7.55E-07	1.333333Y	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3769	ALL	401568.9	3782149	7.56E-07	1.333333Y	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3770	ALL	401588.9	3782149	7.92E-07	1.333333Y	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3771	ALL	401608.9	3782149	8.12E-07	1.333333Y	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3772	ALL	401628.9	3782149	8.45E-07	1.333333Y	8.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3773	ALL	401648.9	3782149	8.85E-07	1.333333Y	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3774	ALL	401668.9	3782149	9.10E-07	1.333333Y	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3775	ALL	401688.9	3782149	8.70E-07	1.333333Y	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3776	ALL	401708.9	3782149	8.84E-07	1.333333Y	8.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3777	ALL	401728.9	3782149	9.06E-07	1.333333Y	9.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3778	ALL	401748.9	3782149	9.76E-07	1.333333Y	9.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3779	ALL	401768.9	3782149	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3780	ALL	401788.9	3782149	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3781	ALL	401808.9	3782149	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3782	ALL	401828.9	3782149	9.86E-07	1.333333Y	9.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3783	ALL	401848.9	3782149	9.72E-07	1.333333Y	9.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3784	ALL	401868.9	3782149	9.70E-07	1.333333Y	9.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3785	ALL	401888.9	3782149	9.79E-07	1.333333Y	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3786	ALL	401908.9	3782149	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3787	ALL	401928.9	3782149	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3788	ALL	401948.9	3782149	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3789	ALL	401968.9	3782149	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3790	ALL	401988.9	3782149	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3791	ALL	402008.9	3782149	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3792	ALL	402028.9	3782149	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3793	ALL	402048.9	3782149	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3794	ALL	402068.9	3782149	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3795	ALL	402088.9	3782149	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3796	ALL	402108.9	3782149	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3797	ALL	402128.9	3782149	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3798	ALL	402148.9	3782149	1.42E-06	1.333333Y	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3799	ALL	402168.9	3782149	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3800	ALL	402188.9	3782149	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3801	ALL	402208.9	3782149	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3802	ALL	402228.9	3782149	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3803	ALL	402248.9	3782149	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3804	ALL	402268.9	3782149	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3805	ALL	402288.9	3782149	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3806	ALL	402308.9	3782149	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3807	ALL	402328.9	3782149	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3808	ALL	402348.9	3782149	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3809	ALL	402368.9	3782149	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3810	ALL	402388.9	3782149	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3811	ALL	402408.9	3782149	1.27E-06	1.333333Y	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3812	ALL	402428.9	3782149	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3813	ALL	402448.9	3782149	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3814	ALL	402468.9	3782149	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3815	ALL	402488.9	3782149	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3816	ALL	402508.9	3782149	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3817	ALL	401308.9	3782169	6.11E-07	1.333333Y	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3818	ALL	401328.9	3782169	6.16E-07	1.333333Y	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3819	ALL	401348.9	3782169	6.08E-07	1.333333Y	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3820	ALL	401368.9	3782169	6.22E-07	1.333333Y	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3821	ALL	401388.9	3782169	6.43E-07	1.333333Y	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3822	ALL	401408.9	3782169	6.56E-07	1.333333Y	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3823	ALL	401428.9	3782169	6.57E-07	1.333333Y	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3824	ALL	401448.9	3782169	6.85E-07	1.333333Y	6.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3825	ALL	401468.9	3782169	7.10E-07	1.333333Y	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3826	ALL	401488.9	3782169	6.55E-07	1.333333Y	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3827	ALL	401508.9	3782169	6.41E-07	1.333333Y	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3828	ALL	401528.9	3782169	6.57E-07	1.333333Y	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3829	ALL	401548.9	3782169	6.68E-07	1.333333Y	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3830	ALL	401568.9	3782169	6.70E-07	1.333333Y	6.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3831	ALL	401588.9	3782169	6.95E-07	1.333333Y	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3832	ALL	401608.9	3782169	7.11E-07	1.333333Y	7.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3833	ALL	401628.9	3782169	7.34E-07	1.333333Y	7.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3834	ALL	401648.9	3782169	7.61E-07	1.333333Y	7.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3835	ALL	401668.9	3782169	7.94E-07	1.333333Y	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3836	ALL	401688.9	3782169	7.73E-07	1.333333Y	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3837	ALL	401708.9	3782169	7.85E-07	1.333333Y	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3838	ALL	401728.9	3782169	8.09E-07	1.333333Y	8.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3839	ALL	401748.9	3782169	8.57E-07	1.333333Y	8.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3840	ALL	401768.9	3782169	8.98E-07	1.333333Y	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3841	ALL	401788.9	3782169	9.89E-07	1.333333Y	9.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3842	ALL	401808.9	3782169	9.20E-07	1.333333Y	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3843	ALL	401828.9	3782169	8.89E-07	1.333333Y	8.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3844	ALL	401848.9	3782169	8.75E-07	1.333333Y	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3845	ALL	401868.9	3782169	8.74E-07	1.333333Y	8.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3846	ALL	401888.9	3782169	8.90E-07	1.333333Y	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3847	ALL	401908.9	3782169	9.25E-07	1.333333Y	9.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3848	ALL	401928.9	3782169	9.90E-07	1.333333Y	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3849	ALL	401948.9	3782169	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3850	ALL	401968.9	3782169	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3851	ALL	401988.9	3782169	9.73E-07	1.333333Y	9.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3852	ALL	402008.9	3782169	9.66E-07	1.333333Y	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3853	ALL	402028.9	3782169	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3854	ALL	402048.9	3782169	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3855	ALL	402068.9	3782169	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3856	ALL	402088.9	3782169	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3857	ALL	402108.9	3782169	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3858	ALL	402128.9	3782169	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3859	ALL	402148.9	3782169	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3860	ALL	402168.9	3782169	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3861	ALL	402188.9	3782169	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3862	ALL	402208.9	3782169	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3863	ALL	402228.9	3782169	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3864	ALL	402248.9	3782169	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3865	ALL	402268.9	3782169	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3866	ALL	402288.9	3782169	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3867	ALL	402308.9	3782169	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3868	ALL	402328.9	3782169	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3869	ALL	402348.9	3782169	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3870	ALL	402368.9	3782169	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3871	ALL	402388.9	3782169	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3872	ALL	402408.9	3782169	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3873	ALL	402428.9	3782169	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3874	ALL	402448.9	3782169	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3875	ALL	402468.9	3782169	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3876	ALL	402488.9	3782169	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3877	ALL	402508.9	3782169	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3878	ALL	401308.9	3782189	5.73E-07	1.333333Y	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3879	ALL	401328.9	3782189	5.41E-07	1.333333Y	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3880	ALL	401348.9	3782189	5.63E-07	1.333333Y	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3881	ALL	401368.9	3782189	5.55E-07	1.333333Y	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3882	ALL	401388.9	3782189	5.74E-07	1.333333Y	5.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3883	ALL	401408.9	3782189	5.94E-07	1.333333Y	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3884	ALL	401428.9	3782189	6.09E-07	1.333333Y	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3885	ALL	401448.9	3782189	6.37E-07	1.333333Y	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3886	ALL	401468.9	3782189	6.64E-07	1.333333Y	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3887	ALL	401488.9	3782189	6.53E-07	1.333333Y	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3888	ALL	401508.9	3782189	6.05E-07	1.333333Y	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3889	ALL	401528.9	3782189	5.91E-07	1.333333Y	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3890	ALL	401548.9	3782189	6.02E-07	1.333333Y	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3891	ALL	401568.9	3782189	6.07E-07	1.333333Y	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3892	ALL	401588.9	3782189	6.25E-07	1.333333Y	6.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3893	ALL	401608.9	3782189	6.40E-07	1.333333Y	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3894	ALL	401628.9	3782189	6.52E-07	1.333333Y	6.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3895	ALL	401648.9	3782189	6.67E-07	1.333333Y	6.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3896	ALL	401668.9	3782189	6.96E-07	1.333333Y	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3897	ALL	401688.9	3782189	7.00E-07	1.333333Y	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3898	ALL	401708.9	3782189	7.09E-07	1.333333Y	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3899	ALL	401728.9	3782189	7.35E-07	1.333333Y	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3900	ALL	401748.9	3782189	7.67E-07	1.333333Y	7.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3901	ALL	401768.9	3782189	8.06E-07	1.333333Y	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3902	ALL	401788.9	3782189	8.63E-07	1.333333Y	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3903	ALL	401808.9	3782189	8.30E-07	1.333333Y	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3904	ALL	401828.9	3782189	8.06E-07	1.333333Y	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3905	ALL	401848.9	3782189	7.99E-07	1.333333Y	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3906	ALL	401868.9	3782189	7.99E-07	1.333333Y	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3907	ALL	401888.9	3782189	8.17E-07	1.333333Y	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3908	ALL	401908.9	3782189	8.44E-07	1.333333Y	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3909	ALL	401928.9	3782189	8.85E-07	1.333333Y	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3910	ALL	401948.9	3782189	9.70E-07	1.333333Y	9.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3911	ALL	401968.9	3782189	9.20E-07	1.333333Y	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3912	ALL	401988.9	3782189	8.70E-07	1.333333Y	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3913	ALL	402008.9	3782189	8.61E-07	1.333333Y	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3914	ALL	402028.9	3782189	8.85E-07	1.333333Y	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3915	ALL	402048.9	3782189	9.12E-07	1.333333Y	9.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3916	ALL	402068.9	3782189	9.92E-07	1.333333Y	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3917	ALL	402088.9	3782189	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3918	ALL	402108.9	3782189	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3919	ALL	402128.9	3782189	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3920	ALL	402148.9	3782189	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3921	ALL	402168.9	3782189	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3922	ALL	402188.9	3782189	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3923	ALL	402208.9	3782189	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3924	ALL	402228.9	3782189	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3925	ALL	402248.9	3782189	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3926	ALL	402268.9	3782189	9.96E-07	1.333333Y	9.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3927	ALL	402288.9	3782189	9.79E-07	1.333333Y	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3928	ALL	402308.9	3782189	9.60E-07	1.333333Y	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3929	ALL	402328.9	3782189	9.54E-07	1.333333Y	9.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3930	ALL	402348.9	3782189	9.51E-07	1.333333Y	9.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3931	ALL	402368.9	3782189	9.62E-07	1.333333Y	9.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3932	ALL	402388.9	3782189	9.83E-07	1.333333Y	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3933	ALL	402408.9	3782189	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3934	ALL	402428.9	3782189	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3935	ALL	402448.9	3782189	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3936	ALL	402468.9	3782189	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3937	ALL	402488.9	3782189	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3938	ALL	402508.9	3782189	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3939	ALL	401308.9	3782209	5.09E-07	1.333333Y	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3940	ALL	401328.9	3782209	5.11E-07	1.333333Y	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3941	ALL	401348.9	3782209	5.05E-07	1.333333Y	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3942	ALL	401368.9	3782209	5.11E-07	1.333333Y	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3943	ALL	401388.9	3782209	5.12E-07	1.333333Y	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3944	ALL	401408.9	3782209	5.25E-07	1.333333Y	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3945	ALL	401428.9	3782209	5.44E-07	1.333333Y	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3946	ALL	401448.9	3782209	5.55E-07	1.333333Y	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3947	ALL	401468.9	3782209	5.77E-07	1.333333Y	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3948	ALL	401488.9	3782209	6.14E-07	1.333333Y	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3949	ALL	401508.9	3782209	5.84E-07	1.333333Y	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3950	ALL	401528.9	3782209	5.58E-07	1.333333Y	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3951	ALL	401548.9	3782209	5.53E-07	1.333333Y	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3952	ALL	401568.9	3782209	5.59E-07	1.333333Y	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3953	ALL	401588.9	3782209	5.73E-07	1.333333Y	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3954	ALL	401608.9	3782209	5.83E-07	1.333333Y	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3955	ALL	401628.9	3782209	5.98E-07	1.333333Y	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3956	ALL	401648.9	3782209	6.11E-07	1.333333Y	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3957	ALL	401668.9	3782209	6.35E-07	1.333333Y	6.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3958	ALL	401688.9	3782209	6.41E-07	1.333333Y	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3959	ALL	401708.9	3782209	6.50E-07	1.333333Y	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3960	ALL	401728.9	3782209	6.71E-07	1.333333Y	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3961	ALL	401748.9	3782209	7.00E-07	1.333333Y	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3962	ALL	401768.9	3782209	7.40E-07	1.333333Y	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3963	ALL	401788.9	3782209	7.73E-07	1.333333Y	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3964	ALL	401808.9	3782209	7.50E-07	1.333333Y	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3965	ALL	401828.9	3782209	7.35E-07	1.333333Y	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3966	ALL	401848.9	3782209	7.29E-07	1.333333Y	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3967	ALL	401868.9	3782209	7.33E-07	1.333333Y	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3968	ALL	401888.9	3782209	7.46E-07	1.333333Y	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3969	ALL	401908.9	3782209	7.72E-07	1.333333Y	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3970	ALL	401928.9	3782209	8.14E-07	1.333333Y	8.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3971	ALL	401948.9	3782209	8.75E-07	1.333333Y	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3972	ALL	401968.9	3782209	8.22E-07	1.333333Y	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3973	ALL	401988.9	3782209	7.83E-07	1.333333Y	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3974	ALL	402008.9	3782209	7.76E-07	1.333333Y	7.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3975	ALL	402028.9	3782209	8.01E-07	1.333333Y	8.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3976	ALL	402048.9	3782209	8.49E-07	1.333333Y	8.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3977	ALL	402068.9	3782209	9.22E-07	1.333333Y	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3978	ALL	402088.9	3782209	9.12E-07	1.333333Y	9.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3979	ALL	402108.9	3782209	9.14E-07	1.333333Y	9.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3980	ALL	402128.9	3782209	9.97E-07	1.333333Y	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3981	ALL	402148.9	3782209	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3982	ALL	402168.9	3782209	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3983	ALL	402188.9	3782209	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3984	ALL	402208.9	3782209	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3985	ALL	402228.9	3782209	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3986	ALL	402248.9	3782209	9.76E-07	1.333333Y	9.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3987	ALL	402268.9	3782209	9.21E-07	1.333333Y	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3988	ALL	402288.9	3782209	8.90E-07	1.333333Y	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3989	ALL	402308.9	3782209	8.76E-07	1.333333Y	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3990	ALL	402328.9	3782209	8.68E-07	1.333333Y	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3991	ALL	402348.9	3782209	8.65E-07	1.333333Y	8.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3992	ALL	402368.9	3782209	8.70E-07	1.333333Y	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3993	ALL	402388.9	3782209	8.91E-07	1.333333Y	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3994	ALL	402408.9	3782209	9.17E-07	1.333333Y	9.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3995	ALL	402428.9	3782209	9.48E-07	1.333333Y	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3996	ALL	402448.9	3782209	1.00E-06	1.333333Y	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3997	ALL	402468.9	3782209	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3998	ALL	402488.9	3782209	9.99E-07	1.333333Y	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3999	ALL	402508.9	3782209	9.77E-07	1.333333Y	9.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4000	ALL	402116.1	3781609	2.36E-05	1.333333Y	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4001	ALL	402111.6	3781632	3.37E-05	1.333333Y	3.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4002	ALL	402072.8	3781725	6.37E-05	1.333333Y	6.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4003	ALL	402058.7	3781777	6.00E-05	1.333333Y	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4004	ALL	402061.5	3781813	4.58E-05	1.333333Y	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4005	ALL	402065.5	3781835	3.00E-05	1.333333Y	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4006	ALL	401913.1	3781830	7.97E-05	1.333333Y	7.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4007	ALL	401870.3	3781887	4.05E-05	1.333333Y	4.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4008	ALL	401788.8	3781885	2.20E-05	1.333333Y	2.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4009	ALL	401791	3781612	3.26E-05	1.333333Y	3.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		399068	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05
2	ALL		399349.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05
3	ALL		399631.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
4	ALL		399913.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
5	ALL		400195.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
6	ALL		400477	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
7	ALL		400758.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
8	ALL		401040.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
9	ALL		401322.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
10	ALL		401604.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
11	ALL		401886	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
12	ALL		402167.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
13	ALL		402449.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
14	ALL		402731.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
15	ALL		403013.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
16	ALL		403295	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
17	ALL		403576.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
18	ALL		403858.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
19	ALL		404140.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05
20	ALL		404422.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05
21	ALL		404704	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05
22	ALL		399068	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05
23	ALL		399349.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
24	ALL		399631.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
25	ALL		399913.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
26	ALL		400195.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
27	ALL		400477	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
28	ALL		400758.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
29	ALL		401040.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
30	ALL		401322.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
31	ALL		401604.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
32	ALL		401886	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
33	ALL		402167.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
34	ALL		402449.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
35	ALL		402731.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
36	ALL		403013.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
37	ALL		403295	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
38	ALL		403576.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
39	ALL		403858.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
40	ALL		404140.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
41	ALL		404422.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
42	ALL		404704	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05
43	ALL		399068	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
44	ALL		399349.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
45	ALL		399631.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
46	ALL		399913.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
47	ALL		400195.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
48	ALL		400477	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
49	ALL		400758.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
50	ALL		401040.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
51	ALL		401322.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
52	ALL		401604.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
53	ALL		401886	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
54	ALL		402167.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
55	ALL		402449.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
56	ALL		402731.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
57	ALL		403013.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
58	ALL		403295	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
59	ALL		403576.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
60	ALL		403858.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
61	ALL		404140.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
62	ALL		404422.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
63	ALL		404704	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-05
64	ALL		399068	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
65	ALL		399349.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
66	ALL		399631.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
67	ALL		399913.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
68	ALL		400195.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
69	ALL		400477	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
70	ALL		400758.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
71	ALL		401040.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
72	ALL		401322.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
73	ALL		401604.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
74	ALL		401886	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
75	ALL		402167.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
76	ALL		402449.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
77	ALL		402731.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
78	ALL		403013.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
79	ALL		403295	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
80	ALL		403576.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
81	ALL		403858.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
82	ALL		404140.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
83	ALL		404422.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
84	ALL		404704	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
85	ALL		399068	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
86	ALL		399349.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
87	ALL		399631.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
88	ALL		399913.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
89	ALL		400195.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
90	ALL		400477	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
91	ALL		400758.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
92	ALL		401040.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
93	ALL		401322.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
94	ALL		401604.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
95	ALL		401886	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
96	ALL		402167.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
97	ALL		402449.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
98	ALL		402731.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04

99	ALL	403013.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
100	ALL	403295	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
101	ALL	403576.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
102	ALL	403858.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
103	ALL	404140.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
104	ALL	404422.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
105	ALL	404704	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
106	ALL	399068	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
107	ALL	399349.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
108	ALL	399631.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
109	ALL	399913.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
110	ALL	400195.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
111	ALL	400477	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
112	ALL	400758.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
113	ALL	401040.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
114	ALL	401322.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
115	ALL	401604.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
116	ALL	401886	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
117	ALL	402167.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
118	ALL	402449.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
119	ALL	402731.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
120	ALL	403013.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
121	ALL	403295	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
122	ALL	403576.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
123	ALL	403858.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
124	ALL	404140.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
125	ALL	404422.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
126	ALL	404704	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
127	ALL	399068	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
128	ALL	399349.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
129	ALL	399631.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
130	ALL	399913.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
131	ALL	400195.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
132	ALL	400477	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
133	ALL	400758.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
134	ALL	401040.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
135	ALL	401322.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
136	ALL	401604.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
137	ALL	401886	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
138	ALL	402167.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
139	ALL	402449.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04
140	ALL	402731.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
141	ALL	403013.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04
142	ALL	403295	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
143	ALL	403576.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
144	ALL	403858.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
145	ALL	404140.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
146	ALL	404422.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
147	ALL	404704	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
148	ALL	399068	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
149	ALL	399349.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
150	ALL	399631.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
151	ALL	399913.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
152	ALL	400195.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
153	ALL	400477	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
154	ALL	400758.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
155	ALL	401040.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
156	ALL	401322.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04
157	ALL	401604.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04
158	ALL	401886	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04
159	ALL	402167.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04
160	ALL	402449.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
161	ALL	402731.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
162	ALL	403013.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-04
163	ALL	403295	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
164	ALL	403576.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
165	ALL	403858.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
166	ALL	404140.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
167	ALL	404422.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
168	ALL	404704	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
169	ALL	399068	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
170	ALL	399349.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
171	ALL	399631.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
172	ALL	399913.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
173	ALL	400195.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
174	ALL	400477	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
175	ALL	400758.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
176	ALL	401040.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04
177	ALL	401322.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
178	ALL	401604.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
179	ALL	401886	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
180	ALL	402167.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
181	ALL	402449.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
182	ALL	402731.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
183	ALL	403013.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
184	ALL	403295	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
185	ALL	403576.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
186	ALL	403858.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
187	ALL	404140.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
188	ALL	404422.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
189	ALL	404704	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
190	ALL	399068	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
191	ALL	399349.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
192	ALL	399631.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
193	ALL	399913.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
194	ALL	400195.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
195	ALL	400477	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04
196	ALL	400758.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
197	ALL	401040.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-04

198	ALL	401322.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
199	ALL	401604.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
200	ALL	401886	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03
201	ALL	402167.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
202	ALL	402449.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
203	ALL	402731.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
204	ALL	403013.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
205	ALL	403295	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
206	ALL	403576.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
207	ALL	403858.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
208	ALL	404140.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
209	ALL	404422.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
210	ALL	404704	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
211	ALL	399068	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
212	ALL	399349.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
213	ALL	399631.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
214	ALL	399913.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
215	ALL	400195.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
216	ALL	400477	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
217	ALL	400758.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04
218	ALL	401040.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
219	ALL	401322.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
220	ALL	401604.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03
221	ALL	401886	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-02
222	ALL	402167.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-03
223	ALL	402449.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03
224	ALL	402731.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
225	ALL	403013.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
226	ALL	403295	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
227	ALL	403576.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
228	ALL	403858.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
229	ALL	404140.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
230	ALL	404422.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
231	ALL	404704	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
232	ALL	399068	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
233	ALL	399349.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
234	ALL	399631.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
235	ALL	399913.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
236	ALL	400195.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
237	ALL	400477	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
238	ALL	400758.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
239	ALL	401040.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04
240	ALL	401322.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
241	ALL	401604.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-03
242	ALL	402167.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02
243	ALL	402449.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03
244	ALL	402731.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
245	ALL	403013.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
246	ALL	403295	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04
247	ALL	403576.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
248	ALL	403858.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
249	ALL	404140.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
250	ALL	404422.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
251	ALL	404704	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
252	ALL	399068	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
253	ALL	399349.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
254	ALL	399631.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
255	ALL	399913.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
256	ALL	400195.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
257	ALL	400477	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
258	ALL	400758.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
259	ALL	401040.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
260	ALL	401322.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
261	ALL	401604.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
262	ALL	401886	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
263	ALL	402167.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
264	ALL	402449.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
265	ALL	402731.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
266	ALL	403013.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
267	ALL	403295	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-04
268	ALL	403576.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
269	ALL	403858.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
270	ALL	404140.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
271	ALL	404422.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
272	ALL	404704	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
273	ALL	399068	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
274	ALL	399349.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
275	ALL	399631.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
276	ALL	399913.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
277	ALL	400195.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
278	ALL	400477	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
279	ALL	400758.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
280	ALL	401040.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
281	ALL	401322.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
282	ALL	401604.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
283	ALL	401886	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
284	ALL	402167.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
285	ALL	402449.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
286	ALL	402731.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
287	ALL	403013.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
288	ALL	403295	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
289	ALL	403576.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
290	ALL	403858.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04
291	ALL	404140.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
292	ALL	404422.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
293	ALL	404704	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
294	ALL	399068	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
295	ALL	399349.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
296	ALL	399631.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04

297	ALL	399913.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
298	ALL	400195.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
299	ALL	400477	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
300	ALL	400758.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
301	ALL	401040.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
302	ALL	401322.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
303	ALL	401604.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
304	ALL	401886	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
305	ALL	402167.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
306	ALL	402449.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
307	ALL	402731.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
308	ALL	403013.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
309	ALL	403295	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
310	ALL	403576.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
311	ALL	403858.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
312	ALL	404140.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
313	ALL	404422.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
314	ALL	404704	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
315	ALL	399068	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
316	ALL	399349.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
317	ALL	399631.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-05
318	ALL	399913.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
319	ALL	400195.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-05
320	ALL	400477	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05
321	ALL	400758.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-05
322	ALL	401040.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
323	ALL	401322.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
324	ALL	401604.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
325	ALL	401886	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
326	ALL	402167.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
327	ALL	402449.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
328	ALL	402731.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
329	ALL	403013.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
330	ALL	403295	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
331	ALL	403576.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
332	ALL	403858.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
333	ALL	404140.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
334	ALL	404422.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
335	ALL	404704	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
336	ALL	399068	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
337	ALL	399349.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05
338	ALL	399631.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-05
339	ALL	399913.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05
340	ALL	400195.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-05
341	ALL	400477	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-05
342	ALL	400758.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05
343	ALL	401040.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-05
344	ALL	401322.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05
345	ALL	401604.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-05
346	ALL	401886	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-05
347	ALL	402167.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05
348	ALL	402449.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05
349	ALL	402731.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-05
350	ALL	403013.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-05
351	ALL	403295	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
352	ALL	403576.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
353	ALL	403858.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
354	ALL	404140.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
355	ALL	404422.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
356	ALL	404704	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
357	ALL	399068	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05
358	ALL	399349.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05
359	ALL	399631.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05
360	ALL	399913.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05
361	ALL	400195.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05
362	ALL	400477	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05
363	ALL	400758.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-05
364	ALL	401040.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05
365	ALL	401322.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-05
366	ALL	401604.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05
367	ALL	401886	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-05
368	ALL	402167.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-05
369	ALL	402449.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-05
370	ALL	402731.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-05
371	ALL	403013.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05
372	ALL	403295	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-05
373	ALL	403576.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05
374	ALL	403858.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-05
375	ALL	404140.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05
376	ALL	404422.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-05
377	ALL	404704	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05
378	ALL	399068	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05
379	ALL	399349.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05
380	ALL	399631.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05
381	ALL	399913.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-05
382	ALL	400195.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05
383	ALL	400477	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05
384	ALL	400758.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05
385	ALL	401040.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05
386	ALL	401322.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05
387	ALL	401604.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-05
388	ALL	401886	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05
389	ALL	402167.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05
390	ALL	402449.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05
391	ALL	402731.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-05
392	ALL	403013.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05
393	ALL	403295	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-05
394	ALL	403576.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-05
395	ALL	403858.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-05

396	ALL	404140.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05
397	ALL	404422.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-05
398	ALL	404704	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-05
399	ALL	399068	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
400	ALL	399349.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05
401	ALL	399631.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05
402	ALL	399913.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-05
403	ALL	400195.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05
404	ALL	400477	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-05
405	ALL	400758.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05
406	ALL	401040.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05
407	ALL	401322.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05
408	ALL	401604.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05
409	ALL	401886	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
410	ALL	402167.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05
411	ALL	402449.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05
412	ALL	402731.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-05
413	ALL	403013.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05
414	ALL	403295	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05
415	ALL	403576.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05
416	ALL	403858.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05
417	ALL	404140.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-05
418	ALL	404422.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-05
419	ALL	404704	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05
420	ALL	399068	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05
421	ALL	399349.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
422	ALL	399631.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05
423	ALL	399913.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05
424	ALL	400195.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-05
425	ALL	400477	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
426	ALL	400758.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
427	ALL	401040.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-05
428	ALL	401322.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05
429	ALL	401604.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05
430	ALL	401886	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
431	ALL	402167.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-06
432	ALL	402449.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
433	ALL	402731.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05
434	ALL	403013.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05
435	ALL	403295	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05
436	ALL	403576.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05
437	ALL	403858.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05
438	ALL	404140.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-05
439	ALL	404422.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05
440	ALL	404704	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05
441	ALL	401308.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04
442	ALL	401328.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04
443	ALL	401348.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04
444	ALL	401368.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
445	ALL	401388.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
446	ALL	401408.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
447	ALL	401428.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
448	ALL	401448.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
449	ALL	401468.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
450	ALL	401488.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
451	ALL	401508.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
452	ALL	401528.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
453	ALL	401548.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
454	ALL	401568.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
455	ALL	401588.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
456	ALL	401608.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
457	ALL	401628.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
458	ALL	401648.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
459	ALL	401668.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
460	ALL	401688.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
461	ALL	401708.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
462	ALL	401728.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
463	ALL	401748.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
464	ALL	401768.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
465	ALL	401788.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
466	ALL	401808.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
467	ALL	401828.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
468	ALL	401848.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
469	ALL	401868.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
470	ALL	401888.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
471	ALL	401908.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
472	ALL	401928.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
473	ALL	401948.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
474	ALL	401968.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
475	ALL	401988.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
476	ALL	402008.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
477	ALL	402028.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
478	ALL	402048.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
479	ALL	402068.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
480	ALL	402088.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
481	ALL	402108.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
482	ALL	402128.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
483	ALL	402148.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
484	ALL	402168.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
485	ALL	402188.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
486	ALL	402208.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
487	ALL	402228.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
488	ALL	402248.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
489	ALL	402268.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
490	ALL	402288.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
491	ALL	402308.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
492	ALL	402328.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
493	ALL	402348.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
494	ALL	402368.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03

495	ALL	402388.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
496	ALL	402408.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
497	ALL	402428.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
498	ALL	402448.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
499	ALL	402468.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04
500	ALL	402488.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-04
501	ALL	402508.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-04
502	ALL	401308.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-04
503	ALL	401328.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04
504	ALL	401348.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
505	ALL	401368.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
506	ALL	401388.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
507	ALL	401408.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
508	ALL	401428.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
509	ALL	401448.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
510	ALL	401468.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
511	ALL	401488.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
512	ALL	401508.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
513	ALL	401528.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
514	ALL	401548.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
515	ALL	401568.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
516	ALL	401588.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
517	ALL	401608.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
518	ALL	401628.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
519	ALL	401648.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
520	ALL	401668.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
521	ALL	401688.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
522	ALL	401708.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
523	ALL	401728.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
524	ALL	401748.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
525	ALL	401768.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
526	ALL	401788.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
527	ALL	401808.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
528	ALL	401828.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
529	ALL	401848.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
530	ALL	401868.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
531	ALL	401888.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
532	ALL	401908.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
533	ALL	401928.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
534	ALL	401948.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
535	ALL	401968.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
536	ALL	401988.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
537	ALL	402008.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
538	ALL	402028.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
539	ALL	402048.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
540	ALL	402068.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
541	ALL	402088.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
542	ALL	402108.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
543	ALL	402128.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
544	ALL	402148.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
545	ALL	402168.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
546	ALL	402188.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
547	ALL	402208.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
548	ALL	402228.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
549	ALL	402248.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
550	ALL	402268.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
551	ALL	402288.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
552	ALL	402308.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
553	ALL	402328.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
554	ALL	402348.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
555	ALL	402368.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
556	ALL	402388.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
557	ALL	402408.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
558	ALL	402428.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
559	ALL	402448.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
560	ALL	402468.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
561	ALL	402488.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04
562	ALL	402508.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04
563	ALL	401308.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-04
564	ALL	401328.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
565	ALL	401348.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
566	ALL	401368.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
567	ALL	401388.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
568	ALL	401408.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
569	ALL	401428.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
570	ALL	401448.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
571	ALL	401468.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
572	ALL	401488.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
573	ALL	401508.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
574	ALL	401528.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
575	ALL	401548.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
576	ALL	401568.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
577	ALL	401588.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
578	ALL	401608.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
579	ALL	401628.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
580	ALL	401648.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
581	ALL	401668.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
582	ALL	401688.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
583	ALL	401708.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
584	ALL	401728.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
585	ALL	401748.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
586	ALL	401768.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
587	ALL	401788.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
588	ALL	401808.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
589	ALL	401828.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
590	ALL	401848.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
591	ALL	401868.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
592	ALL	401888.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
593	ALL	401908.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03

594	ALL	401928.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
595	ALL	401948.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
596	ALL	401968.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
597	ALL	401988.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
598	ALL	402008.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
599	ALL	402028.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
600	ALL	402048.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
601	ALL	402068.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
602	ALL	402088.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
603	ALL	402108.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
604	ALL	402128.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
605	ALL	402148.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
606	ALL	402168.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
607	ALL	402188.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
608	ALL	402208.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
609	ALL	402228.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
610	ALL	402248.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
611	ALL	402268.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
612	ALL	402288.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
613	ALL	402308.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
614	ALL	402328.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
615	ALL	402348.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
616	ALL	402368.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
617	ALL	402388.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
618	ALL	402408.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
619	ALL	402428.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
620	ALL	402448.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
621	ALL	402468.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
622	ALL	402488.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
623	ALL	402508.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
624	ALL	401308.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
625	ALL	401328.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
626	ALL	401348.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
627	ALL	401368.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
628	ALL	401388.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
629	ALL	401408.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
630	ALL	401428.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
631	ALL	401448.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
632	ALL	401468.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
633	ALL	401488.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
634	ALL	401508.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
635	ALL	401528.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
636	ALL	401548.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
637	ALL	401568.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
638	ALL	401588.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
639	ALL	401608.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
640	ALL	401628.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
641	ALL	401648.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
642	ALL	401668.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
643	ALL	401688.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
644	ALL	401708.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
645	ALL	401728.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
646	ALL	401748.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
647	ALL	401768.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
648	ALL	401788.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
649	ALL	401808.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
650	ALL	401828.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
651	ALL	401848.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
652	ALL	401868.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
653	ALL	401888.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
654	ALL	401908.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
655	ALL	401928.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
656	ALL	401948.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
657	ALL	401968.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
658	ALL	401988.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
659	ALL	402008.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
660	ALL	402028.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
661	ALL	402048.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
662	ALL	402068.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
663	ALL	402088.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
664	ALL	402108.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
665	ALL	402128.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
666	ALL	402148.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
667	ALL	402168.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
668	ALL	402188.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
669	ALL	402208.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
670	ALL	402228.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
671	ALL	402248.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
672	ALL	402268.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
673	ALL	402288.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
674	ALL	402308.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
675	ALL	402328.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
676	ALL	402348.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
677	ALL	402368.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
678	ALL	402388.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
679	ALL	402408.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
680	ALL	402428.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
681	ALL	402448.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
682	ALL	402468.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
683	ALL	402488.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
684	ALL	402508.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
685	ALL	401308.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
686	ALL	401328.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
687	ALL	401348.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
688	ALL	401368.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
689	ALL	401388.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
690	ALL	401408.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
691	ALL	401428.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
692	ALL	401448.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03

693	ALL	401468.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
694	ALL	401488.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
695	ALL	401508.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
696	ALL	401528.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
697	ALL	401548.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
698	ALL	401568.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
699	ALL	401588.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
700	ALL	401608.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
701	ALL	401628.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
702	ALL	401648.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
703	ALL	401668.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
704	ALL	401688.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
705	ALL	401708.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
706	ALL	401728.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
707	ALL	401748.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
708	ALL	401768.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
709	ALL	401788.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
710	ALL	401808.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
711	ALL	401828.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
712	ALL	401848.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
713	ALL	401868.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
714	ALL	401888.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
715	ALL	401908.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
716	ALL	401928.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
717	ALL	401948.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
718	ALL	401968.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
719	ALL	401988.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
720	ALL	402008.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
721	ALL	402028.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
722	ALL	402048.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
723	ALL	402068.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
724	ALL	402088.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
725	ALL	402108.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
726	ALL	402128.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
727	ALL	402148.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
728	ALL	402168.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
729	ALL	402188.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
730	ALL	402208.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
731	ALL	402228.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
732	ALL	402248.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
733	ALL	402268.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
734	ALL	402288.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
735	ALL	402308.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
736	ALL	402328.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
737	ALL	402348.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
738	ALL	402368.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
739	ALL	402388.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
740	ALL	402408.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
741	ALL	402428.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
742	ALL	402448.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
743	ALL	402468.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
744	ALL	402488.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
745	ALL	402508.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
746	ALL	401308.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
747	ALL	401328.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
748	ALL	401348.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
749	ALL	401368.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
750	ALL	401388.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
751	ALL	401408.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
752	ALL	401428.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
753	ALL	401448.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
754	ALL	401468.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
755	ALL	401488.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
756	ALL	401508.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
757	ALL	401528.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
758	ALL	401548.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
759	ALL	401568.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
760	ALL	401588.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
761	ALL	401608.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
762	ALL	401628.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
763	ALL	401648.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
764	ALL	401668.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
765	ALL	401688.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
766	ALL	401708.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
767	ALL	401728.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
768	ALL	401748.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
769	ALL	401768.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
770	ALL	401788.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
771	ALL	401808.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
772	ALL	401828.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
773	ALL	401848.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
774	ALL	401868.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
775	ALL	401888.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
776	ALL	401908.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
777	ALL	401928.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
778	ALL	401948.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
779	ALL	401968.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
780	ALL	401988.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
781	ALL	402008.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
782	ALL	402028.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
783	ALL	402048.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
784	ALL	402068.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
785	ALL	402088.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
786	ALL	402108.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
787	ALL	402128.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
788	ALL	402148.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
789	ALL	402168.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
790	ALL	402188.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
791	ALL	402208.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03

792	ALL	402228.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
793	ALL	402248.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
794	ALL	402268.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
795	ALL	402288.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
796	ALL	402308.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
797	ALL	402328.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
798	ALL	402348.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
799	ALL	402368.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
800	ALL	402388.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
801	ALL	402408.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
802	ALL	402428.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
803	ALL	402448.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
804	ALL	402468.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
805	ALL	402488.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
806	ALL	402508.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
807	ALL	401308.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
808	ALL	401328.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
809	ALL	401348.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
810	ALL	401368.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
811	ALL	401388.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
812	ALL	401408.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
813	ALL	401428.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
814	ALL	401448.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
815	ALL	401468.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
816	ALL	401488.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
817	ALL	401508.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
818	ALL	401528.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
819	ALL	401548.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
820	ALL	401568.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
821	ALL	401588.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
822	ALL	401608.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
823	ALL	401628.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
824	ALL	401648.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
825	ALL	401668.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
826	ALL	401688.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
827	ALL	401708.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
828	ALL	401728.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
829	ALL	401748.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
830	ALL	401768.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
831	ALL	401788.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
832	ALL	401808.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
833	ALL	401828.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
834	ALL	401848.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
835	ALL	401868.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
836	ALL	401888.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
837	ALL	401908.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
838	ALL	401928.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
839	ALL	401948.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
840	ALL	401968.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
841	ALL	401988.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
842	ALL	402008.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
843	ALL	402028.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
844	ALL	402048.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
845	ALL	402068.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
846	ALL	402088.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
847	ALL	402108.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
848	ALL	402128.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
849	ALL	402148.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
850	ALL	402168.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
851	ALL	402188.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
852	ALL	402208.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
853	ALL	402228.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
854	ALL	402248.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
855	ALL	402268.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
856	ALL	402288.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
857	ALL	402308.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
858	ALL	402328.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
859	ALL	402348.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
860	ALL	402368.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
861	ALL	402388.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
862	ALL	402408.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
863	ALL	402428.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
864	ALL	402448.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
865	ALL	402468.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
866	ALL	402488.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
867	ALL	402508.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
868	ALL	401308.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
869	ALL	401328.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
870	ALL	401348.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
871	ALL	401368.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
872	ALL	401388.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
873	ALL	401408.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
874	ALL	401428.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
875	ALL	401448.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
876	ALL	401468.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
877	ALL	401488.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
878	ALL	401508.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
879	ALL	401528.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
880	ALL	401548.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
881	ALL	401568.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
882	ALL	401588.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
883	ALL	401608.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
884	ALL	401628.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
885	ALL	401648.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
886	ALL	401668.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
887	ALL	401688.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
888	ALL	401708.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
889	ALL	401728.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
890	ALL	401748.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03

891	ALL	401768.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
892	ALL	401788.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
893	ALL	401808.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
894	ALL	401828.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
895	ALL	401848.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
896	ALL	401868.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
897	ALL	401888.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
898	ALL	401908.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
899	ALL	401928.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
900	ALL	401948.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
901	ALL	401968.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
902	ALL	401988.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
903	ALL	402008.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
904	ALL	402028.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
905	ALL	402048.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
906	ALL	402068.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
907	ALL	402088.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
908	ALL	402108.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
909	ALL	402128.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
910	ALL	402148.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
911	ALL	402168.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
912	ALL	402188.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
913	ALL	402208.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
914	ALL	402228.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
915	ALL	402248.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
916	ALL	402268.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
917	ALL	402288.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
918	ALL	402308.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
919	ALL	402328.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
920	ALL	402348.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
921	ALL	402368.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
922	ALL	402388.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
923	ALL	402408.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
924	ALL	402428.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
925	ALL	402448.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
926	ALL	402468.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
927	ALL	402488.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
928	ALL	402508.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
929	ALL	401308.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
930	ALL	401328.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
931	ALL	401348.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
932	ALL	401368.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
933	ALL	401388.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
934	ALL	401408.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
935	ALL	401428.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
936	ALL	401448.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
937	ALL	401468.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
938	ALL	401488.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
939	ALL	401508.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
940	ALL	401528.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
941	ALL	401548.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
942	ALL	401568.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
943	ALL	401588.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
944	ALL	401608.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
945	ALL	401628.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
946	ALL	401648.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
947	ALL	401668.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
948	ALL	401688.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
949	ALL	401708.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
950	ALL	401728.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
951	ALL	401748.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
952	ALL	401768.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
953	ALL	401788.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
954	ALL	401808.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
955	ALL	401828.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
956	ALL	401848.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
957	ALL	401868.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
958	ALL	401888.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
959	ALL	401908.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
960	ALL	401928.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
961	ALL	401948.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
962	ALL	401968.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
963	ALL	401988.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
964	ALL	402008.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
965	ALL	402028.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
966	ALL	402048.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
967	ALL	402068.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
968	ALL	402088.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
969	ALL	402108.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
970	ALL	402128.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
971	ALL	402148.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
972	ALL	402168.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
973	ALL	402188.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
974	ALL	402208.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
975	ALL	402228.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
976	ALL	402248.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
977	ALL	402268.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
978	ALL	402288.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
979	ALL	402308.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
980	ALL	402328.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
981	ALL	402348.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
982	ALL	402368.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
983	ALL	402388.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
984	ALL	402408.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
985	ALL	402428.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
986	ALL	402448.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
987	ALL	402468.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
988	ALL	402488.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
989	ALL	402508.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03

990	ALL	401308.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
991	ALL	401328.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
992	ALL	401348.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
993	ALL	401368.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
994	ALL	401388.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
995	ALL	401408.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
996	ALL	401428.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
997	ALL	401448.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
998	ALL	401468.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
999	ALL	401488.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
1000	ALL	401508.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
1001	ALL	401528.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
1002	ALL	401548.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
1003	ALL	401568.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
1004	ALL	401588.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
1005	ALL	401608.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
1006	ALL	401628.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
1007	ALL	401648.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
1008	ALL	401668.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
1009	ALL	401688.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
1010	ALL	401708.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
1011	ALL	401728.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
1012	ALL	401748.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1013	ALL	401768.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
1014	ALL	401788.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
1015	ALL	401808.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
1016	ALL	401828.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
1017	ALL	401848.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
1018	ALL	401868.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
1019	ALL	401888.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
1020	ALL	401908.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
1021	ALL	401928.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
1022	ALL	401948.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
1023	ALL	401968.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
1024	ALL	401988.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
1025	ALL	402008.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
1026	ALL	402028.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
1027	ALL	402048.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
1028	ALL	402068.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1029	ALL	402088.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
1030	ALL	402108.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
1031	ALL	402128.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
1032	ALL	402148.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
1033	ALL	402168.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
1034	ALL	402188.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
1035	ALL	402208.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
1036	ALL	402228.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
1037	ALL	402248.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
1038	ALL	402268.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
1039	ALL	402288.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
1040	ALL	402308.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
1041	ALL	402328.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
1042	ALL	402348.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
1043	ALL	402368.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
1044	ALL	402388.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
1045	ALL	402408.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
1046	ALL	402428.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
1047	ALL	402448.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
1048	ALL	402468.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
1049	ALL	402488.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
1050	ALL	402508.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
1051	ALL	401308.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
1052	ALL	401328.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
1053	ALL	401348.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
1054	ALL	401368.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
1055	ALL	401388.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
1056	ALL	401408.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
1057	ALL	401428.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
1058	ALL	401448.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
1059	ALL	401468.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
1060	ALL	401488.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
1061	ALL	401508.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
1062	ALL	401528.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
1063	ALL	401548.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
1064	ALL	401568.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
1065	ALL	401588.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
1066	ALL	401608.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
1067	ALL	401628.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
1068	ALL	401648.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
1069	ALL	401668.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
1070	ALL	401688.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1071	ALL	401708.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
1072	ALL	401728.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1073	ALL	401748.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
1074	ALL	401768.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
1075	ALL	401788.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1076	ALL	401808.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
1077	ALL	401828.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
1078	ALL	401848.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
1079	ALL	401868.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
1080	ALL	401888.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
1081	ALL	401908.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
1082	ALL	401928.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
1083	ALL	401948.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
1084	ALL	401968.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
1085	ALL	401988.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
1086	ALL	402008.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
1087	ALL	402028.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1088	ALL	402048.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03

1089	ALL	402068.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
1090	ALL	402088.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
1091	ALL	402108.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
1092	ALL	402128.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
1093	ALL	402148.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
1094	ALL	402168.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
1095	ALL	402188.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
1096	ALL	402208.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1097	ALL	402228.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
1098	ALL	402248.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
1099	ALL	402268.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
1100	ALL	402288.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
1101	ALL	402308.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
1102	ALL	402328.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
1103	ALL	402348.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
1104	ALL	402368.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
1105	ALL	402388.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
1106	ALL	402408.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
1107	ALL	402428.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
1108	ALL	402448.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
1109	ALL	402468.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
1110	ALL	402488.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
1111	ALL	402508.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
1112	ALL	401308.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
1113	ALL	401328.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
1114	ALL	401348.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
1115	ALL	401368.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
1116	ALL	401388.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
1117	ALL	401408.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
1118	ALL	401428.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
1119	ALL	401448.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
1120	ALL	401468.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
1121	ALL	401488.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
1122	ALL	401508.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
1123	ALL	401528.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
1124	ALL	401548.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
1125	ALL	401568.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
1126	ALL	401588.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
1127	ALL	401608.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
1128	ALL	401628.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
1129	ALL	401648.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
1130	ALL	401668.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
1131	ALL	401688.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
1132	ALL	401708.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
1133	ALL	401728.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
1134	ALL	401748.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
1135	ALL	401768.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
1136	ALL	401788.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
1137	ALL	401808.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
1138	ALL	401828.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
1139	ALL	401848.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
1140	ALL	401868.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03
1141	ALL	401888.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
1142	ALL	401908.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
1143	ALL	401928.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
1144	ALL	401948.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03
1145	ALL	401968.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
1146	ALL	401988.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03
1147	ALL	402008.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
1148	ALL	402028.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
1149	ALL	402048.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
1150	ALL	402068.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
1151	ALL	402088.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03
1152	ALL	402108.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
1153	ALL	402128.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
1154	ALL	402148.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
1155	ALL	402168.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
1156	ALL	402188.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
1157	ALL	402208.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
1158	ALL	402228.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
1159	ALL	402248.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1160	ALL	402268.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
1161	ALL	402288.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
1162	ALL	402308.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
1163	ALL	402328.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
1164	ALL	402348.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
1165	ALL	402368.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
1166	ALL	402388.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
1167	ALL	402408.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
1168	ALL	402428.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
1169	ALL	402448.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
1170	ALL	402468.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
1171	ALL	402488.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
1172	ALL	402508.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
1173	ALL	401308.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
1174	ALL	401328.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
1175	ALL	401348.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
1176	ALL	401368.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
1177	ALL	401388.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
1178	ALL	401408.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
1179	ALL	401428.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
1180	ALL	401448.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
1181	ALL	401468.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
1182	ALL	401488.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
1183	ALL	401508.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
1184	ALL	401528.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
1185	ALL	401548.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
1186	ALL	401568.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1187	ALL	401588.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03

1188	ALL	401608.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
1189	ALL	401628.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1190	ALL	401648.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
1191	ALL	401668.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
1192	ALL	401688.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
1193	ALL	401708.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
1194	ALL	401728.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
1195	ALL	401748.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
1196	ALL	401768.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
1197	ALL	401788.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
1198	ALL	401808.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
1199	ALL	401828.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03
1200	ALL	401848.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
1201	ALL	401868.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
1202	ALL	401888.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
1203	ALL	401908.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
1204	ALL	401928.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
1205	ALL	401948.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
1206	ALL	401968.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
1207	ALL	401988.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
1208	ALL	402008.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
1209	ALL	402028.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
1210	ALL	402048.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
1211	ALL	402068.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
1212	ALL	402088.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
1213	ALL	402108.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
1214	ALL	402128.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
1215	ALL	402148.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
1216	ALL	402168.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
1217	ALL	402188.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
1218	ALL	402208.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
1219	ALL	402228.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
1220	ALL	402248.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
1221	ALL	402268.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
1222	ALL	402288.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
1223	ALL	402308.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
1224	ALL	402328.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
1225	ALL	402348.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
1226	ALL	402368.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
1227	ALL	402388.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
1228	ALL	402408.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
1229	ALL	402428.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
1230	ALL	402448.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
1231	ALL	402468.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
1232	ALL	402488.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
1233	ALL	402508.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
1234	ALL	401308.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
1235	ALL	401328.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
1236	ALL	401348.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
1237	ALL	401368.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
1238	ALL	401388.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
1239	ALL	401408.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
1240	ALL	401428.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
1241	ALL	401448.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
1242	ALL	401468.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
1243	ALL	401488.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
1244	ALL	401508.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
1245	ALL	401528.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
1246	ALL	401548.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
1247	ALL	401568.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1248	ALL	401588.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
1249	ALL	401608.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
1250	ALL	401628.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
1251	ALL	401648.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
1252	ALL	401668.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
1253	ALL	401688.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
1254	ALL	401708.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
1255	ALL	401728.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
1256	ALL	401748.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
1257	ALL	401768.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
1258	ALL	401788.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
1259	ALL	401808.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
1260	ALL	401828.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
1261	ALL	401848.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
1262	ALL	401868.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
1263	ALL	401888.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
1264	ALL	401908.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
1265	ALL	401928.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
1266	ALL	401948.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
1267	ALL	401968.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03
1268	ALL	401988.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
1269	ALL	402008.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
1270	ALL	402028.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03
1271	ALL	402048.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
1272	ALL	402068.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
1273	ALL	402088.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
1274	ALL	402108.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
1275	ALL	402128.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
1276	ALL	402148.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03
1277	ALL	402168.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
1278	ALL	402188.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
1279	ALL	402208.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
1280	ALL	402228.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
1281	ALL	402248.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
1282	ALL	402268.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
1283	ALL	402288.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1284	ALL	402308.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
1285	ALL	402328.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
1286	ALL	402348.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03

1287	ALL	402368.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
1288	ALL	402388.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
1289	ALL	402408.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
1290	ALL	402428.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
1291	ALL	402448.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
1292	ALL	402468.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
1293	ALL	402488.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
1294	ALL	402508.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
1295	ALL	401308.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
1296	ALL	401328.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
1297	ALL	401348.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
1298	ALL	401368.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
1299	ALL	401388.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
1300	ALL	401408.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
1301	ALL	401428.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
1302	ALL	401448.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
1303	ALL	401468.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
1304	ALL	401488.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
1305	ALL	401508.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
1306	ALL	401528.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
1307	ALL	401548.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
1308	ALL	401568.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
1309	ALL	401588.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1310	ALL	401608.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
1311	ALL	401628.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
1312	ALL	401648.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
1313	ALL	401668.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
1314	ALL	401688.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
1315	ALL	401708.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03
1316	ALL	401728.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03
1317	ALL	401748.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03
1318	ALL	401768.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03
1319	ALL	401788.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
1320	ALL	401808.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03
1321	ALL	401828.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
1322	ALL	401848.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03
1323	ALL	401868.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03
1324	ALL	401888.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03
1325	ALL	401908.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
1326	ALL	401928.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03
1327	ALL	401948.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03
1328	ALL	401968.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
1329	ALL	401988.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
1330	ALL	402008.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
1331	ALL	402028.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
1332	ALL	402048.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03
1333	ALL	402068.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
1334	ALL	402088.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
1335	ALL	402108.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
1336	ALL	402128.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
1337	ALL	402148.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
1338	ALL	402168.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
1339	ALL	402188.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
1340	ALL	402208.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03
1341	ALL	402228.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
1342	ALL	402248.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
1343	ALL	402268.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1344	ALL	402288.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
1345	ALL	402308.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
1346	ALL	402328.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
1347	ALL	402348.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
1348	ALL	402368.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
1349	ALL	402388.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
1350	ALL	402408.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
1351	ALL	402428.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
1352	ALL	402448.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
1353	ALL	402468.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
1354	ALL	402488.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
1355	ALL	402508.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
1356	ALL	401308.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
1357	ALL	401328.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
1358	ALL	401348.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
1359	ALL	401368.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
1360	ALL	401388.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
1361	ALL	401408.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
1362	ALL	401428.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
1363	ALL	401448.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
1364	ALL	401468.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1365	ALL	401488.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1366	ALL	401508.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
1367	ALL	401528.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
1368	ALL	401548.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
1369	ALL	401568.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
1370	ALL	401588.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
1371	ALL	401608.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03
1372	ALL	401628.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
1373	ALL	401648.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
1374	ALL	401668.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
1375	ALL	401688.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
1376	ALL	401708.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
1377	ALL	401728.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
1378	ALL	401748.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
1379	ALL	401768.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03
1380	ALL	401788.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
1381	ALL	401808.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
1382	ALL	401828.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
1383	ALL	401848.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03
1384	ALL	401868.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03
1385	ALL	401888.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03

1386	ALL	401908.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03
1387	ALL	401928.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
1388	ALL	401948.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
1389	ALL	401968.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03
1390	ALL	401988.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
1391	ALL	402008.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
1392	ALL	402028.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
1393	ALL	402048.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-03
1394	ALL	402068.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03
1395	ALL	402088.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
1396	ALL	402108.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
1397	ALL	402128.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
1398	ALL	402148.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
1399	ALL	402168.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
1400	ALL	402188.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
1401	ALL	402208.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
1402	ALL	402228.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
1403	ALL	402248.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
1404	ALL	402268.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
1405	ALL	402288.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
1406	ALL	402308.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
1407	ALL	402328.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
1408	ALL	402348.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
1409	ALL	402368.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
1410	ALL	402388.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
1411	ALL	402408.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
1412	ALL	402428.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
1413	ALL	402448.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
1414	ALL	402468.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
1415	ALL	402488.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
1416	ALL	402508.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
1417	ALL	401308.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
1418	ALL	401328.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
1419	ALL	401348.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
1420	ALL	401368.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
1421	ALL	401388.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
1422	ALL	401408.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
1423	ALL	401428.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
1424	ALL	401448.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
1425	ALL	401468.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
1426	ALL	401488.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1427	ALL	401508.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1428	ALL	401528.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
1429	ALL	401548.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
1430	ALL	401568.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
1431	ALL	401588.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
1432	ALL	401608.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
1433	ALL	401628.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03
1434	ALL	401648.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03
1435	ALL	401668.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
1436	ALL	401688.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
1437	ALL	401708.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03
1438	ALL	401728.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
1439	ALL	401748.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03
1440	ALL	401768.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
1441	ALL	401788.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
1442	ALL	401808.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03
1443	ALL	401828.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03
1444	ALL	401848.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03
1445	ALL	401868.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03
1446	ALL	401888.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
1447	ALL	401908.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
1448	ALL	401928.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
1449	ALL	401948.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
1450	ALL	401968.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03
1451	ALL	401988.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03
1452	ALL	402008.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03
1453	ALL	402028.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
1454	ALL	402048.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
1455	ALL	402068.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03
1456	ALL	402088.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03
1457	ALL	402108.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
1458	ALL	402128.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03
1459	ALL	402148.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
1460	ALL	402168.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
1461	ALL	402188.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
1462	ALL	402208.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
1463	ALL	402228.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
1464	ALL	402248.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03
1465	ALL	402268.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
1466	ALL	402288.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
1467	ALL	402308.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
1468	ALL	402328.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
1469	ALL	402348.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
1470	ALL	402368.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1471	ALL	402388.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1472	ALL	402408.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
1473	ALL	402428.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
1474	ALL	402448.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
1475	ALL	402468.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
1476	ALL	402488.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
1477	ALL	402508.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
1478	ALL	401308.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
1479	ALL	401328.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
1480	ALL	401348.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
1481	ALL	401368.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
1482	ALL	401388.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
1483	ALL	401408.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
1484	ALL	401428.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03

1485	ALL	401448.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
1486	ALL	401468.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1487	ALL	401488.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
1488	ALL	401508.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1489	ALL	401528.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
1490	ALL	401548.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
1491	ALL	401568.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
1492	ALL	401588.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03
1493	ALL	401608.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
1494	ALL	401628.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
1495	ALL	401648.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03
1496	ALL	401668.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03
1497	ALL	401688.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
1498	ALL	401708.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03
1499	ALL	401728.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
1500	ALL	401748.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03
1501	ALL	401768.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03
1502	ALL	401788.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-03
1503	ALL	401808.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
1504	ALL	401828.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03
1505	ALL	401848.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03
1506	ALL	401868.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-03
1507	ALL	401888.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03
1508	ALL	401908.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03
1509	ALL	401928.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03
1510	ALL	401948.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03
1511	ALL	401968.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-03
1512	ALL	401988.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03
1513	ALL	402008.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03
1514	ALL	402028.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03
1515	ALL	402048.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03
1516	ALL	402068.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03
1517	ALL	402088.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03
1518	ALL	402108.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03
1519	ALL	402128.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03
1520	ALL	402148.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
1521	ALL	402168.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03
1522	ALL	402188.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
1523	ALL	402208.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
1524	ALL	402228.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03
1525	ALL	402248.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
1526	ALL	402268.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
1527	ALL	402288.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
1528	ALL	402308.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
1529	ALL	402328.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
1530	ALL	402348.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1531	ALL	402368.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1532	ALL	402388.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1533	ALL	402408.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1534	ALL	402428.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
1535	ALL	402448.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
1536	ALL	402468.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
1537	ALL	402488.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
1538	ALL	402508.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
1539	ALL	401308.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
1540	ALL	401328.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
1541	ALL	401348.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
1542	ALL	401368.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
1543	ALL	401388.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
1544	ALL	401408.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1545	ALL	401428.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
1546	ALL	401448.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1547	ALL	401468.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1548	ALL	401488.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1549	ALL	401508.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
1550	ALL	401528.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
1551	ALL	401548.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
1552	ALL	401568.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
1553	ALL	401588.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
1554	ALL	401608.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03
1555	ALL	401628.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
1556	ALL	401648.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03
1557	ALL	401668.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03
1558	ALL	401688.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
1559	ALL	401708.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-03
1560	ALL	401728.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03
1561	ALL	401748.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03
1562	ALL	401768.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03
1563	ALL	401788.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03
1564	ALL	401808.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03
1565	ALL	401828.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03
1566	ALL	401848.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-03
1567	ALL	401868.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03
1568	ALL	401888.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03
1569	ALL	401908.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03
1570	ALL	401928.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-03
1571	ALL	401948.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03
1572	ALL	401968.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-03
1573	ALL	401988.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03
1574	ALL	402008.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03
1575	ALL	402028.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03
1576	ALL	402048.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03
1577	ALL	402068.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-03
1578	ALL	402088.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
1579	ALL	402108.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03
1580	ALL	402128.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03
1581	ALL	402148.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
1582	ALL	402168.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
1583	ALL	402188.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03

1584	ALL	402208.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03
1585	ALL	402228.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03
1586	ALL	402248.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
1587	ALL	402268.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
1588	ALL	402288.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
1589	ALL	402308.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
1590	ALL	402328.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
1591	ALL	402348.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
1592	ALL	402368.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
1593	ALL	402388.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1594	ALL	402408.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1595	ALL	402428.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1596	ALL	402448.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
1597	ALL	402468.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
1598	ALL	402488.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
1599	ALL	402508.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
1600	ALL	401308.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
1601	ALL	401328.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
1602	ALL	401348.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
1603	ALL	401368.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
1604	ALL	401388.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
1605	ALL	401408.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
1606	ALL	401428.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
1607	ALL	401448.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
1608	ALL	401468.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
1609	ALL	401488.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
1610	ALL	401508.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
1611	ALL	401528.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
1612	ALL	401548.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
1613	ALL	401568.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
1614	ALL	401588.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03
1615	ALL	401608.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03
1616	ALL	401628.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
1617	ALL	401648.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03
1618	ALL	401668.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-03
1619	ALL	401688.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03
1620	ALL	401708.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03
1621	ALL	401728.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03
1622	ALL	401748.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
1623	ALL	401768.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03
1624	ALL	401788.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03
1625	ALL	401808.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03
1626	ALL	401828.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-03
1627	ALL	401848.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-03
1628	ALL	401868.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-03
1629	ALL	401888.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03
1630	ALL	401908.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-03
1631	ALL	401928.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03
1632	ALL	401948.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03
1633	ALL	401968.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-03
1634	ALL	401988.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03
1635	ALL	402008.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-03
1636	ALL	402028.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03
1637	ALL	402048.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03
1638	ALL	402068.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-03
1639	ALL	402088.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03
1640	ALL	402108.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03
1641	ALL	402128.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03
1642	ALL	402148.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03
1643	ALL	402168.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03
1644	ALL	402188.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03
1645	ALL	402208.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03
1646	ALL	402228.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-03
1647	ALL	402248.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
1648	ALL	402268.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
1649	ALL	402288.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
1650	ALL	402308.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
1651	ALL	402328.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
1652	ALL	402348.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
1653	ALL	402368.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1654	ALL	402388.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1655	ALL	402408.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1656	ALL	402428.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1657	ALL	402448.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
1658	ALL	402468.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
1659	ALL	402488.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
1660	ALL	402508.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
1661	ALL	401308.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
1662	ALL	401328.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
1663	ALL	401348.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
1664	ALL	401368.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
1665	ALL	401388.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
1666	ALL	401408.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
1667	ALL	401428.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
1668	ALL	401448.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
1669	ALL	401468.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
1670	ALL	401488.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
1671	ALL	401508.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
1672	ALL	401528.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03
1673	ALL	401548.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
1674	ALL	401568.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03
1675	ALL	401588.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
1676	ALL	401608.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03
1677	ALL	401628.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
1678	ALL	401648.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03
1679	ALL	401668.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03
1680	ALL	401688.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
1681	ALL	401708.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03
1682	ALL	401728.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-03

1683	ALL	401748.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-03
1684	ALL	401768.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03
1685	ALL	401788.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-03
1686	ALL	401808.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03
1687	ALL	401828.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-03
1688	ALL	401848.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-03
1689	ALL	401868.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-03
1690	ALL	401888.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03
1691	ALL	401908.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03
1692	ALL	401928.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03
1693	ALL	401948.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-03
1694	ALL	401968.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-03
1695	ALL	401988.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-03
1696	ALL	402008.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03
1697	ALL	402028.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-03
1698	ALL	402048.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03
1699	ALL	402068.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03
1700	ALL	402088.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-03
1701	ALL	402108.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03
1702	ALL	402128.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03
1703	ALL	402148.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03
1704	ALL	402168.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03
1705	ALL	402188.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03
1706	ALL	402208.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-03
1707	ALL	402228.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03
1708	ALL	402248.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
1709	ALL	402268.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
1710	ALL	402288.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
1711	ALL	402308.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
1712	ALL	402328.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
1713	ALL	402348.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
1714	ALL	402368.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
1715	ALL	402388.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
1716	ALL	402408.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1717	ALL	402428.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
1718	ALL	402448.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
1719	ALL	402468.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
1720	ALL	402488.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
1721	ALL	402508.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
1722	ALL	401308.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
1723	ALL	401328.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
1724	ALL	401348.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
1725	ALL	401368.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
1726	ALL	401388.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
1727	ALL	401408.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03
1728	ALL	401428.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
1729	ALL	401448.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
1730	ALL	401468.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
1731	ALL	401488.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
1732	ALL	401508.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
1733	ALL	401528.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
1734	ALL	401548.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
1735	ALL	401568.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
1736	ALL	401588.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03
1737	ALL	401608.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
1738	ALL	401628.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03
1739	ALL	401648.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03
1740	ALL	401668.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03
1741	ALL	401688.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-03
1742	ALL	401708.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-03
1743	ALL	401728.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03
1744	ALL	401748.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-03
1745	ALL	401768.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03
1746	ALL	401788.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-03
1747	ALL	401808.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-03
1748	ALL	401828.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-03
1749	ALL	401848.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-03
1750	ALL	401868.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-03
1751	ALL	401888.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-03
1752	ALL	401908.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-03
1753	ALL	401928.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-03
1754	ALL	401948.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03
1755	ALL	401968.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-03
1756	ALL	401988.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-03
1757	ALL	402008.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03
1758	ALL	402028.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-03
1759	ALL	402048.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-03
1760	ALL	402068.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-03
1761	ALL	402088.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03
1762	ALL	402108.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03
1763	ALL	402128.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03
1764	ALL	402148.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-03
1765	ALL	402168.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
1766	ALL	402188.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03
1767	ALL	402208.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03
1768	ALL	402228.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03
1769	ALL	402248.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03
1770	ALL	402268.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
1771	ALL	402288.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
1772	ALL	402308.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
1773	ALL	402328.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03
1774	ALL	402348.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
1775	ALL	402368.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
1776	ALL	402388.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
1777	ALL	402408.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1778	ALL	402428.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
1779	ALL	402448.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
1780	ALL	402468.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
1781	ALL	402488.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03

1782	ALL	402508.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
1783	ALL	401308.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
1784	ALL	401328.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
1785	ALL	401348.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
1786	ALL	401368.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
1787	ALL	401388.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
1788	ALL	401408.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
1789	ALL	401428.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
1790	ALL	401448.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
1791	ALL	401468.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
1792	ALL	401488.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
1793	ALL	401508.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03
1794	ALL	401528.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
1795	ALL	401548.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03
1796	ALL	401568.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03
1797	ALL	401588.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03
1798	ALL	401608.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
1799	ALL	401628.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03
1800	ALL	401648.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
1801	ALL	401668.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-03
1802	ALL	401688.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03
1803	ALL	401708.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03
1804	ALL	401728.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03
1805	ALL	401748.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-03
1806	ALL	401768.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-03
1807	ALL	401788.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-03
1808	ALL	401808.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-03
1809	ALL	401828.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-03
1810	ALL	401848.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-03
1811	ALL	401868.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-03
1812	ALL	401888.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-03
1813	ALL	401908.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-03
1814	ALL	401928.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-03
1815	ALL	401948.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-03
1816	ALL	401968.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03
1817	ALL	401988.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-03
1818	ALL	402008.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-03
1819	ALL	402028.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-03
1820	ALL	402048.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-03
1821	ALL	402068.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03
1822	ALL	402088.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03
1823	ALL	402108.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-03
1824	ALL	402128.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03
1825	ALL	402148.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03
1826	ALL	402168.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-03
1827	ALL	402188.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-03
1828	ALL	402208.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03
1829	ALL	402228.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
1830	ALL	402248.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03
1831	ALL	402268.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
1832	ALL	402288.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
1833	ALL	402308.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03
1834	ALL	402328.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
1835	ALL	402348.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
1836	ALL	402368.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
1837	ALL	402388.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
1838	ALL	402408.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
1839	ALL	402428.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
1840	ALL	402448.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
1841	ALL	402468.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
1842	ALL	402488.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
1843	ALL	402508.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
1844	ALL	401308.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
1845	ALL	401328.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
1846	ALL	401348.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
1847	ALL	401368.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
1848	ALL	401388.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
1849	ALL	401408.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
1850	ALL	401428.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
1851	ALL	401448.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
1852	ALL	401468.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
1853	ALL	401488.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03
1854	ALL	401508.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03
1855	ALL	401528.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03
1856	ALL	401548.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03
1857	ALL	401568.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03
1858	ALL	401588.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03
1859	ALL	401608.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03
1860	ALL	401628.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-03
1861	ALL	401648.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03
1862	ALL	401668.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-03
1863	ALL	401688.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03
1864	ALL	401708.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-03
1865	ALL	401728.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03
1866	ALL	401748.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-03
1867	ALL	401768.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-03
1868	ALL	401788.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03
1869	ALL	401808.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-03
1870	ALL	401828.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-03
1871	ALL	401848.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-03
1872	ALL	401868.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-03
1873	ALL	401888.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-03
1874	ALL	401908.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-03
1875	ALL	401928.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-03
1876	ALL	401948.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-03
1877	ALL	401968.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-03
1878	ALL	401988.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-03
1879	ALL	402008.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-03
1880	ALL	402028.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-03

1881	ALL	402048.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-03
1882	ALL	402068.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-03
1883	ALL	402088.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-03
1884	ALL	402108.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-03
1885	ALL	402128.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-03
1886	ALL	402148.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-03
1887	ALL	402168.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03
1888	ALL	402188.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03
1889	ALL	402208.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03
1890	ALL	402228.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
1891	ALL	402248.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03
1892	ALL	402268.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03
1893	ALL	402288.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
1894	ALL	402308.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
1895	ALL	402328.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
1896	ALL	402348.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
1897	ALL	402368.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03
1898	ALL	402388.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
1899	ALL	402408.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
1900	ALL	402428.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
1901	ALL	402448.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
1902	ALL	402468.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
1903	ALL	402488.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
1904	ALL	402508.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
1905	ALL	401308.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
1906	ALL	401328.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
1907	ALL	401348.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
1908	ALL	401368.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
1909	ALL	401388.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
1910	ALL	401408.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
1911	ALL	401428.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
1912	ALL	401448.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
1913	ALL	401468.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03
1914	ALL	401488.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
1915	ALL	401508.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
1916	ALL	401528.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
1917	ALL	401548.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
1918	ALL	401568.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03
1919	ALL	401588.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03
1920	ALL	401608.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
1921	ALL	401628.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03
1922	ALL	401648.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-03
1923	ALL	401668.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03
1924	ALL	401688.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03
1925	ALL	401708.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-03
1926	ALL	401728.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03
1927	ALL	401748.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-03
1928	ALL	401768.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
1929	ALL	401788.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-03
1930	ALL	401808.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-03
1931	ALL	401828.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-03
1932	ALL	401848.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-03
1933	ALL	401868.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-03
1934	ALL	401888.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-03
1935	ALL	401908.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
1936	ALL	401928.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
1937	ALL	401948.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
1938	ALL	401968.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-03
1939	ALL	401988.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-03
1940	ALL	402008.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-03
1941	ALL	402028.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-03
1942	ALL	402048.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-03
1943	ALL	402068.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-03
1944	ALL	402088.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-03
1945	ALL	402108.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-03
1946	ALL	402128.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-03
1947	ALL	402148.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03
1948	ALL	402168.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03
1949	ALL	402188.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03
1950	ALL	402208.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03
1951	ALL	402228.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03
1952	ALL	402248.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03
1953	ALL	402268.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03
1954	ALL	402288.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03
1955	ALL	402308.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
1956	ALL	402328.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
1957	ALL	402348.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
1958	ALL	402368.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
1959	ALL	402388.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03
1960	ALL	402408.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
1961	ALL	402428.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
1962	ALL	402448.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
1963	ALL	402468.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
1964	ALL	402488.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
1965	ALL	402508.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
1966	ALL	401308.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
1967	ALL	401328.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
1968	ALL	401348.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
1969	ALL	401368.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
1970	ALL	401388.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
1971	ALL	401408.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
1972	ALL	401428.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-03
1973	ALL	401448.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
1974	ALL	401468.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
1975	ALL	401488.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
1976	ALL	401508.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
1977	ALL	401528.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03
1978	ALL	401548.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03
1979	ALL	401568.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03

1980	ALL	401588.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03
1981	ALL	401608.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-03
1982	ALL	401628.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03
1983	ALL	401648.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03
1984	ALL	401668.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-03
1985	ALL	401688.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-03
1986	ALL	401708.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-03
1987	ALL	401728.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-03
1988	ALL	401748.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-03
1989	ALL	401768.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-03
1990	ALL	401788.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-03
1991	ALL	401808.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-03
1992	ALL	401828.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
1993	ALL	401848.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02
1994	ALL	401868.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02
1995	ALL	401888.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02
1996	ALL	401908.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02
1997	ALL	401928.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
1998	ALL	401948.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02
1999	ALL	401968.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02
2000	ALL	401988.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02
2001	ALL	402008.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02
2002	ALL	402028.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02
2003	ALL	402048.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02
2004	ALL	402068.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-03
2005	ALL	402088.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-03
2006	ALL	402108.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-03
2007	ALL	402128.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-03
2008	ALL	402148.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-03
2009	ALL	402168.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03
2010	ALL	402188.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-03
2011	ALL	402208.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-03
2012	ALL	402228.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03
2013	ALL	402248.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03
2014	ALL	402268.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03
2015	ALL	402288.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03
2016	ALL	402308.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03
2017	ALL	402328.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03
2018	ALL	402348.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
2019	ALL	402368.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
2020	ALL	402388.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
2021	ALL	402408.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
2022	ALL	402428.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
2023	ALL	402448.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
2024	ALL	402468.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03
2025	ALL	402488.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
2026	ALL	402508.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03
2027	ALL	401308.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
2028	ALL	401328.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
2029	ALL	401348.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
2030	ALL	401368.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
2031	ALL	401388.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03
2032	ALL	401408.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
2033	ALL	401428.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
2034	ALL	401448.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
2035	ALL	401468.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03
2036	ALL	401488.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03
2037	ALL	401508.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03
2038	ALL	401528.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03
2039	ALL	401548.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
2040	ALL	401568.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03
2041	ALL	401588.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-03
2042	ALL	401608.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03
2043	ALL	401628.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-03
2044	ALL	401648.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03
2045	ALL	401668.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-03
2046	ALL	401688.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-03
2047	ALL	401708.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-03
2048	ALL	401728.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-03
2049	ALL	401748.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-03
2050	ALL	401768.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-03
2051	ALL	401788.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02
2052	ALL	401808.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02
2053	ALL	401828.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02
2054	ALL	401848.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02
2055	ALL	401868.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02
2056	ALL	401888.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-02
2057	ALL	401908.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02
2058	ALL	401928.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
2059	ALL	401948.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
2060	ALL	401968.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-02
2061	ALL	401988.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02
2062	ALL	402008.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-02
2063	ALL	402028.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02
2064	ALL	402048.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02
2065	ALL	402068.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02
2066	ALL	402088.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
2067	ALL	402108.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-03
2068	ALL	402128.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-03
2069	ALL	402148.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-03
2070	ALL	402168.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-03
2071	ALL	402188.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-03
2072	ALL	402208.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-03
2073	ALL	402228.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-03
2074	ALL	402248.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-03
2075	ALL	402268.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03
2076	ALL	402288.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-03
2077	ALL	402308.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03
2078	ALL	402328.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03

2079	ALL	402348.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
2080	ALL	402368.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
2081	ALL	402388.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
2082	ALL	402408.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
2083	ALL	402428.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
2084	ALL	402448.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
2085	ALL	402468.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
2086	ALL	402488.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
2087	ALL	402508.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
2088	ALL	401308.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
2089	ALL	401328.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
2090	ALL	401348.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
2091	ALL	401368.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
2092	ALL	401388.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
2093	ALL	401408.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
2094	ALL	401428.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03
2095	ALL	401448.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
2096	ALL	401468.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
2097	ALL	401488.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
2098	ALL	401508.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
2099	ALL	401528.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-03
2100	ALL	401548.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03
2101	ALL	401568.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03
2102	ALL	401588.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03
2103	ALL	401608.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03
2104	ALL	401628.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-03
2105	ALL	401648.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-03
2106	ALL	401668.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-03
2107	ALL	401688.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-03
2108	ALL	401708.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-03
2109	ALL	401728.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-03
2110	ALL	401748.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
2111	ALL	401768.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02
2112	ALL	401788.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02
2113	ALL	401808.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02
2114	ALL	401828.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-02
2115	ALL	401848.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-02
2116	ALL	401868.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-02
2117	ALL	401888.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
2118	ALL	401908.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-02
2119	ALL	401928.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-02
2120	ALL	401948.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02
2121	ALL	401968.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
2122	ALL	401988.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02
2123	ALL	402008.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02
2124	ALL	402028.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-02
2125	ALL	402048.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02
2126	ALL	402068.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02
2127	ALL	402088.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02
2128	ALL	402108.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-02
2129	ALL	402128.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02
2130	ALL	402148.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-03
2131	ALL	402168.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-03
2132	ALL	402188.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-03
2133	ALL	402208.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-03
2134	ALL	402228.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03
2135	ALL	402248.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-03
2136	ALL	402268.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-03
2137	ALL	402288.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03
2138	ALL	402308.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03
2139	ALL	402328.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03
2140	ALL	402348.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
2141	ALL	402368.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03
2142	ALL	402388.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03
2143	ALL	402408.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
2144	ALL	402428.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
2145	ALL	402448.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
2146	ALL	402468.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03
2147	ALL	402488.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
2148	ALL	402508.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
2149	ALL	401308.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
2150	ALL	401328.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
2151	ALL	401348.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
2152	ALL	401368.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
2153	ALL	401388.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03
2154	ALL	401408.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
2155	ALL	401428.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
2156	ALL	401448.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
2157	ALL	401468.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-03
2158	ALL	401488.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
2159	ALL	401508.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-03
2160	ALL	401528.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03
2161	ALL	401548.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03
2162	ALL	401568.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03
2163	ALL	401588.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03
2164	ALL	401608.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03
2165	ALL	401628.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-03
2166	ALL	401648.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03
2167	ALL	401668.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03
2168	ALL	401688.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-03
2169	ALL	401708.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-03
2170	ALL	401728.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02
2171	ALL	401748.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2172	ALL	401768.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-02
2173	ALL	401788.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-02
2174	ALL	401808.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
2175	ALL	401828.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-02
2176	ALL	401848.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-02
2177	ALL	401868.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02

2178	ALL	401888.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02
2179	ALL	401908.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02
2180	ALL	401928.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02
2181	ALL	401948.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-02
2182	ALL	401968.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-02
2183	ALL	401988.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
2184	ALL	402008.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-02
2185	ALL	402028.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-02
2186	ALL	402048.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02
2187	ALL	402068.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02
2188	ALL	402088.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02
2189	ALL	402108.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-02
2190	ALL	402128.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2191	ALL	402148.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
2192	ALL	402168.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-03
2193	ALL	402188.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-03
2194	ALL	402208.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-03
2195	ALL	402228.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-03
2196	ALL	402248.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03
2197	ALL	402268.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-03
2198	ALL	402288.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-03
2199	ALL	402308.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03
2200	ALL	402328.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03
2201	ALL	402348.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03
2202	ALL	402368.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
2203	ALL	402388.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03
2204	ALL	402408.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
2205	ALL	402428.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
2206	ALL	402448.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03
2207	ALL	402468.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
2208	ALL	402488.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03
2209	ALL	402508.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
2210	ALL	401308.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
2211	ALL	401328.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
2212	ALL	401348.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
2213	ALL	401368.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
2214	ALL	401388.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
2215	ALL	401408.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
2216	ALL	401428.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
2217	ALL	401448.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03
2218	ALL	401468.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
2219	ALL	401488.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
2220	ALL	401508.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03
2221	ALL	401528.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03
2222	ALL	401548.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
2223	ALL	401568.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-03
2224	ALL	401588.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03
2225	ALL	401608.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03
2226	ALL	401628.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-03
2227	ALL	401648.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-03
2228	ALL	401668.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-03
2229	ALL	401688.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-03
2230	ALL	401708.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02
2231	ALL	401728.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2232	ALL	401748.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02
2233	ALL	401768.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02
2234	ALL	401788.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-02
2235	ALL	401808.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02
2236	ALL	401828.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-02
2237	ALL	401848.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-02
2238	ALL	401868.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-02
2239	ALL	401888.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-02
2240	ALL	401908.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-02
2241	ALL	401928.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-02
2242	ALL	401948.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-02
2243	ALL	401968.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-02
2244	ALL	401988.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-02
2245	ALL	402008.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
2246	ALL	402028.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-02
2247	ALL	402048.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-02
2248	ALL	402068.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-02
2249	ALL	402088.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02
2250	ALL	402108.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-02
2251	ALL	402128.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-02
2252	ALL	402148.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02
2253	ALL	402168.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
2254	ALL	402188.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-03
2255	ALL	402208.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-03
2256	ALL	402228.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03
2257	ALL	402248.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-03
2258	ALL	402268.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-03
2259	ALL	402288.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-03
2260	ALL	402308.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03
2261	ALL	402328.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-03
2262	ALL	402348.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-03
2263	ALL	402368.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03
2264	ALL	402388.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03
2265	ALL	402408.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
2266	ALL	402428.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03
2267	ALL	402448.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
2268	ALL	402468.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03
2269	ALL	402488.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
2270	ALL	402508.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
2271	ALL	401308.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
2272	ALL	401328.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
2273	ALL	401348.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
2274	ALL	401368.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
2275	ALL	401388.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
2276	ALL	401408.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03

2277	ALL	401428.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-03
2278	ALL	401448.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03
2279	ALL	401468.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
2280	ALL	401488.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
2281	ALL	401508.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03
2282	ALL	401528.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03
2283	ALL	401548.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03
2284	ALL	401568.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03
2285	ALL	401588.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-03
2286	ALL	401608.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-03
2287	ALL	401628.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-03
2288	ALL	401648.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-03
2289	ALL	401668.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-03
2290	ALL	401688.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-03
2291	ALL	401708.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02
2292	ALL	401728.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02
2293	ALL	401748.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02
2294	ALL	401768.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-02
2295	ALL	401788.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-02
2296	ALL	401808.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-02
2297	ALL	401828.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-02
2298	ALL	401848.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-02
2299	ALL	401868.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-02
2300	ALL	401888.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-02
2301	ALL	401908.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-02
2302	ALL	401928.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02
2303	ALL	401948.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-02
2304	ALL	401968.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-02
2305	ALL	401988.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-02
2306	ALL	402008.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
2307	ALL	402028.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-02
2308	ALL	402048.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-02
2309	ALL	402068.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-02
2310	ALL	402088.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02
2311	ALL	402108.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02
2312	ALL	402128.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02
2313	ALL	402148.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-02
2314	ALL	402168.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2315	ALL	402188.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02
2316	ALL	402208.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-03
2317	ALL	402228.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-03
2318	ALL	402248.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03
2319	ALL	402268.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03
2320	ALL	402288.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-03
2321	ALL	402308.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-03
2322	ALL	402328.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03
2323	ALL	402348.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03
2324	ALL	402368.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03
2325	ALL	402388.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03
2326	ALL	402408.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03
2327	ALL	402428.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03
2328	ALL	402448.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03
2329	ALL	402468.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
2330	ALL	402488.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
2331	ALL	402508.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
2332	ALL	401308.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
2333	ALL	401328.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
2334	ALL	401348.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
2335	ALL	401368.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
2336	ALL	401388.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
2337	ALL	401408.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
2338	ALL	401428.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03
2339	ALL	401448.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
2340	ALL	401468.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
2341	ALL	401488.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03
2342	ALL	401508.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03
2343	ALL	401528.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03
2344	ALL	401548.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03
2345	ALL	401568.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03
2346	ALL	401588.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-03
2347	ALL	401608.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-03
2348	ALL	401628.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-03
2349	ALL	401648.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-03
2350	ALL	401668.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-03
2351	ALL	401688.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
2352	ALL	401708.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-02
2353	ALL	401728.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02
2354	ALL	401748.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02
2355	ALL	401768.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-02
2356	ALL	401788.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-02
2357	ALL	402128.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02
2358	ALL	402148.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-02
2359	ALL	402168.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02
2360	ALL	402188.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02
2361	ALL	402208.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-03
2362	ALL	402228.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-03
2363	ALL	402248.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-03
2364	ALL	402268.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-03
2365	ALL	402288.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-03
2366	ALL	402308.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-03
2367	ALL	402328.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03
2368	ALL	402348.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-03
2369	ALL	402368.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03
2370	ALL	402388.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03
2371	ALL	402408.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
2372	ALL	402428.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
2373	ALL	402448.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
2374	ALL	402468.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
2375	ALL	402488.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03

2376	ALL	402508.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
2377	ALL	401308.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
2378	ALL	401328.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
2379	ALL	401348.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
2380	ALL	401368.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
2381	ALL	401388.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
2382	ALL	401408.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
2383	ALL	401428.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
2384	ALL	401448.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03
2385	ALL	401468.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
2386	ALL	401488.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03
2387	ALL	401508.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03
2388	ALL	401528.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-03
2389	ALL	401548.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03
2390	ALL	401568.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03
2391	ALL	401588.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03
2392	ALL	401608.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03
2393	ALL	401628.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-03
2394	ALL	401648.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-03
2395	ALL	401668.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-03
2396	ALL	401688.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02
2397	ALL	401708.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02
2398	ALL	401728.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02
2399	ALL	401748.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-02
2400	ALL	401768.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-02
2401	ALL	401788.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-02
2402	ALL	402108.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-02
2403	ALL	402128.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02
2404	ALL	402148.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02
2405	ALL	402168.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02
2406	ALL	402188.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02
2407	ALL	402208.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-03
2408	ALL	402228.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-03
2409	ALL	402248.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-03
2410	ALL	402268.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-03
2411	ALL	402288.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03
2412	ALL	402308.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-03
2413	ALL	402328.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03
2414	ALL	402348.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-03
2415	ALL	402368.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03
2416	ALL	402388.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
2417	ALL	402408.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
2418	ALL	402428.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
2419	ALL	402448.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
2420	ALL	402468.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03
2421	ALL	402488.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
2422	ALL	402508.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
2423	ALL	401308.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
2424	ALL	401328.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
2425	ALL	401348.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
2426	ALL	401368.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
2427	ALL	401388.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
2428	ALL	401408.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
2429	ALL	401428.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03
2430	ALL	401448.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
2431	ALL	401468.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
2432	ALL	401488.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03
2433	ALL	401508.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
2434	ALL	401528.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03
2435	ALL	401548.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03
2436	ALL	401568.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-03
2437	ALL	401588.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-03
2438	ALL	401608.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03
2439	ALL	401628.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-03
2440	ALL	401648.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-03
2441	ALL	401668.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
2442	ALL	401688.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02
2443	ALL	401708.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02
2444	ALL	401728.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02
2445	ALL	401748.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-02
2446	ALL	401768.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02
2447	ALL	401788.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02
2448	ALL	402108.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02
2449	ALL	402128.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-02
2450	ALL	402148.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-02
2451	ALL	402168.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02
2452	ALL	402188.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02
2453	ALL	402208.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-03
2454	ALL	402228.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-03
2455	ALL	402248.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-03
2456	ALL	402268.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-03
2457	ALL	402288.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-03
2458	ALL	402308.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-03
2459	ALL	402328.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03
2460	ALL	402348.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03
2461	ALL	402368.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03
2462	ALL	402388.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03
2463	ALL	402408.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
2464	ALL	402428.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
2465	ALL	402448.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
2466	ALL	402468.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03
2467	ALL	402488.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
2468	ALL	402508.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
2469	ALL	401308.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
2470	ALL	401328.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
2471	ALL	401348.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
2472	ALL	401368.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
2473	ALL	401388.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
2474	ALL	401408.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03

2475	ALL	401428.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
2476	ALL	401448.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03
2477	ALL	401468.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03
2478	ALL	401488.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03
2479	ALL	401508.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03
2480	ALL	401528.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-03
2481	ALL	401548.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-03
2482	ALL	401568.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03
2483	ALL	401588.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03
2484	ALL	401608.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-03
2485	ALL	401628.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-03
2486	ALL	401648.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-03
2487	ALL	401668.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
2488	ALL	401688.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02
2489	ALL	401708.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
2490	ALL	401728.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02
2491	ALL	401748.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02
2492	ALL	401768.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-02
2493	ALL	401788.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-02
2494	ALL	402088.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-02
2495	ALL	402108.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-02
2496	ALL	402128.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02
2497	ALL	402148.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02
2498	ALL	402168.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02
2499	ALL	402188.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2500	ALL	402208.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
2501	ALL	402228.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-03
2502	ALL	402248.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-03
2503	ALL	402268.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-03
2504	ALL	402288.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-03
2505	ALL	402308.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-03
2506	ALL	402328.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03
2507	ALL	402348.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03
2508	ALL	402368.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03
2509	ALL	402388.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
2510	ALL	402408.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03
2511	ALL	402428.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03
2512	ALL	402448.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03
2513	ALL	402468.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
2514	ALL	402488.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
2515	ALL	402508.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
2516	ALL	401308.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
2517	ALL	401328.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
2518	ALL	401348.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
2519	ALL	401368.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
2520	ALL	401388.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
2521	ALL	401408.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
2522	ALL	401428.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03
2523	ALL	401448.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03
2524	ALL	401468.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
2525	ALL	401488.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
2526	ALL	401508.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03
2527	ALL	401528.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
2528	ALL	401548.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03
2529	ALL	401568.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03
2530	ALL	401588.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-03
2531	ALL	401608.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-03
2532	ALL	401628.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-03
2533	ALL	401648.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-03
2534	ALL	401668.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
2535	ALL	401688.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02
2536	ALL	401708.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02
2537	ALL	401728.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-02
2538	ALL	401748.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-02
2539	ALL	401768.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02
2540	ALL	401788.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-02
2541	ALL	402088.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-02
2542	ALL	402108.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-02
2543	ALL	402128.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02
2544	ALL	402148.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
2545	ALL	402168.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02
2546	ALL	402188.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02
2547	ALL	402208.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02
2548	ALL	402228.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-03
2549	ALL	402248.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-03
2550	ALL	402268.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-03
2551	ALL	402288.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03
2552	ALL	402308.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03
2553	ALL	402328.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03
2554	ALL	402348.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-03
2555	ALL	402368.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-03
2556	ALL	402388.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03
2557	ALL	402408.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-03
2558	ALL	402428.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03
2559	ALL	402448.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
2560	ALL	402468.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03
2561	ALL	402488.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03
2562	ALL	402508.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03
2563	ALL	401308.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
2564	ALL	401328.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
2565	ALL	401348.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
2566	ALL	401368.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
2567	ALL	401388.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
2568	ALL	401408.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03
2569	ALL	401428.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
2570	ALL	401448.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03
2571	ALL	401468.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
2572	ALL	401488.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
2573	ALL	401508.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03

2574	ALL	401528.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
2575	ALL	401548.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03
2576	ALL	401568.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03
2577	ALL	401588.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-03
2578	ALL	401608.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-03
2579	ALL	401628.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-03
2580	ALL	401648.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-03
2581	ALL	401668.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
2582	ALL	401688.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02
2583	ALL	401708.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-02
2584	ALL	401728.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-02
2585	ALL	401748.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02
2586	ALL	401768.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-02
2587	ALL	401788.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02
2588	ALL	402088.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02
2589	ALL	402108.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-02
2590	ALL	402128.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-02
2591	ALL	402148.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02
2592	ALL	402168.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
2593	ALL	402188.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02
2594	ALL	402208.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02
2595	ALL	402228.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-03
2596	ALL	402248.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-03
2597	ALL	402268.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-03
2598	ALL	402288.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-03
2599	ALL	402308.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03
2600	ALL	402328.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-03
2601	ALL	402348.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03
2602	ALL	402368.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03
2603	ALL	402388.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03
2604	ALL	402408.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03
2605	ALL	402428.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03
2606	ALL	402448.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
2607	ALL	402468.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03
2608	ALL	402488.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
2609	ALL	402508.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
2610	ALL	401308.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
2611	ALL	401328.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
2612	ALL	401348.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
2613	ALL	401368.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
2614	ALL	401388.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
2615	ALL	401408.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
2616	ALL	401428.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
2617	ALL	401448.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
2618	ALL	401468.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
2619	ALL	401488.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
2620	ALL	401508.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-03
2621	ALL	401528.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03
2622	ALL	401548.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03
2623	ALL	401568.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-03
2624	ALL	401588.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03
2625	ALL	401608.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-03
2626	ALL	401628.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-03
2627	ALL	401648.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-03
2628	ALL	401668.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
2629	ALL	401688.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02
2630	ALL	401708.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02
2631	ALL	401728.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-02
2632	ALL	401748.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02
2633	ALL	401768.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02
2634	ALL	401788.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
2635	ALL	402068.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02
2636	ALL	402088.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-02
2637	ALL	402108.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-02
2638	ALL	402128.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-02
2639	ALL	402148.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-02
2640	ALL	402168.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-02
2641	ALL	402188.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02
2642	ALL	402208.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02
2643	ALL	402228.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-03
2644	ALL	402248.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-03
2645	ALL	402268.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-03
2646	ALL	402288.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-03
2647	ALL	402308.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03
2648	ALL	402328.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03
2649	ALL	402348.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-03
2650	ALL	402368.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03
2651	ALL	402388.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03
2652	ALL	402408.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
2653	ALL	402428.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03
2654	ALL	402448.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03
2655	ALL	402468.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03
2656	ALL	402488.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03
2657	ALL	402508.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-03
2658	ALL	401308.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
2659	ALL	401328.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
2660	ALL	401348.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
2661	ALL	401368.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
2662	ALL	401388.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
2663	ALL	401408.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
2664	ALL	401428.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
2665	ALL	401448.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
2666	ALL	401468.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03
2667	ALL	401488.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03
2668	ALL	401508.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
2669	ALL	401528.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03
2670	ALL	401548.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03
2671	ALL	401568.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-03
2672	ALL	401588.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03

2673	ALL	401608.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-03
2674	ALL	401628.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-03
2675	ALL	401648.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-03
2676	ALL	401668.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02
2677	ALL	401688.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-02
2678	ALL	401708.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-02
2679	ALL	401728.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
2680	ALL	401748.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02
2681	ALL	401768.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-02
2682	ALL	401788.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02
2683	ALL	402068.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02
2684	ALL	402088.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-02
2685	ALL	402108.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-02
2686	ALL	402128.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-02
2687	ALL	402148.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-02
2688	ALL	402168.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-02
2689	ALL	402188.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02
2690	ALL	402208.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
2691	ALL	402228.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-03
2692	ALL	402248.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-03
2693	ALL	402268.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-03
2694	ALL	402288.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-03
2695	ALL	402308.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-03
2696	ALL	402328.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-03
2697	ALL	402348.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-03
2698	ALL	402368.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03
2699	ALL	402388.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03
2700	ALL	402408.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03
2701	ALL	402428.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03
2702	ALL	402448.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
2703	ALL	402468.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
2704	ALL	402488.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
2705	ALL	402508.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
2706	ALL	401308.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
2707	ALL	401328.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
2708	ALL	401348.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
2709	ALL	401368.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
2710	ALL	401388.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
2711	ALL	401408.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
2712	ALL	401428.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
2713	ALL	401448.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
2714	ALL	401468.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03
2715	ALL	401488.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03
2716	ALL	401508.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03
2717	ALL	401528.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
2718	ALL	401548.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03
2719	ALL	401568.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03
2720	ALL	401588.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03
2721	ALL	401608.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-03
2722	ALL	401628.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-03
2723	ALL	401648.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-03
2724	ALL	401668.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-03
2725	ALL	401688.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02
2726	ALL	401708.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02
2727	ALL	401728.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-02
2728	ALL	401748.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-02
2729	ALL	401768.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02
2730	ALL	401788.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-02
2731	ALL	402068.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-02
2732	ALL	402088.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-02
2733	ALL	402108.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02
2734	ALL	402128.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02
2735	ALL	402148.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
2736	ALL	402168.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02
2737	ALL	402188.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02
2738	ALL	402208.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-03
2739	ALL	402228.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-03
2740	ALL	402248.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-03
2741	ALL	402268.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-03
2742	ALL	402288.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-03
2743	ALL	402308.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-03
2744	ALL	402328.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-03
2745	ALL	402348.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-03
2746	ALL	402368.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-03
2747	ALL	402388.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-03
2748	ALL	402408.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03
2749	ALL	402428.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-03
2750	ALL	402448.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
2751	ALL	402468.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03
2752	ALL	402488.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03
2753	ALL	402508.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03
2754	ALL	401308.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
2755	ALL	401328.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
2756	ALL	401348.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
2757	ALL	401368.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
2758	ALL	401388.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
2759	ALL	401408.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
2760	ALL	401428.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
2761	ALL	401448.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
2762	ALL	401468.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03
2763	ALL	401488.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
2764	ALL	401508.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
2765	ALL	401528.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-03
2766	ALL	401548.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03
2767	ALL	401568.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03
2768	ALL	401588.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-03
2769	ALL	401608.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03
2770	ALL	401628.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-03
2771	ALL	401648.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-03

2772	ALL	401668.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-03
2773	ALL	401688.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-03
2774	ALL	401708.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02
2775	ALL	401728.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-02
2776	ALL	401748.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02
2777	ALL	401768.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-02
2778	ALL	401788.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-02
2779	ALL	402068.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-02
2780	ALL	402088.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-02
2781	ALL	402108.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-02
2782	ALL	402128.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02
2783	ALL	402148.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02
2784	ALL	402168.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2785	ALL	402188.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
2786	ALL	402208.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-03
2787	ALL	402228.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-03
2788	ALL	402248.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-03
2789	ALL	402268.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-03
2790	ALL	402288.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-03
2791	ALL	402308.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-03
2792	ALL	402328.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-03
2793	ALL	402348.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-03
2794	ALL	402368.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03
2795	ALL	402388.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
2796	ALL	402408.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
2797	ALL	402428.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-03
2798	ALL	402448.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03
2799	ALL	402468.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03
2800	ALL	402488.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
2801	ALL	402508.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
2802	ALL	401308.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
2803	ALL	401328.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
2804	ALL	401348.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
2805	ALL	401368.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
2806	ALL	401388.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
2807	ALL	401408.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
2808	ALL	401428.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
2809	ALL	401448.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
2810	ALL	401468.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
2811	ALL	401488.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
2812	ALL	401508.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03
2813	ALL	401528.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
2814	ALL	401548.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03
2815	ALL	401568.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03
2816	ALL	401588.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-03
2817	ALL	401608.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-03
2818	ALL	401628.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-03
2819	ALL	401648.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-03
2820	ALL	401668.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-03
2821	ALL	401688.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-03
2822	ALL	401708.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02
2823	ALL	401728.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-02
2824	ALL	401748.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02
2825	ALL	401768.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-02
2826	ALL	401788.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02
2827	ALL	402068.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-02
2828	ALL	402088.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-02
2829	ALL	402108.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
2830	ALL	402128.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-02
2831	ALL	402148.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02
2832	ALL	402168.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02
2833	ALL	402188.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-03
2834	ALL	402208.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-03
2835	ALL	402228.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-03
2836	ALL	402248.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
2837	ALL	402268.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-03
2838	ALL	402288.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-03
2839	ALL	402308.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-03
2840	ALL	402328.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-03
2841	ALL	402348.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03
2842	ALL	402368.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03
2843	ALL	402388.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-03
2844	ALL	402408.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
2845	ALL	402428.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
2846	ALL	402448.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03
2847	ALL	402468.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
2848	ALL	402488.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
2849	ALL	402508.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
2850	ALL	401308.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
2851	ALL	401328.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
2852	ALL	401348.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
2853	ALL	401368.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
2854	ALL	401388.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
2855	ALL	401408.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
2856	ALL	401428.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
2857	ALL	401448.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
2858	ALL	401468.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
2859	ALL	401488.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03
2860	ALL	401508.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03
2861	ALL	401528.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
2862	ALL	401548.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03
2863	ALL	401568.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-03
2864	ALL	401588.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-03
2865	ALL	401608.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-03
2866	ALL	401628.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-03
2867	ALL	401648.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-03
2868	ALL	401668.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-03
2869	ALL	401688.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-03
2870	ALL	401708.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02

2871	ALL	401728.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02
2872	ALL	401748.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02
2873	ALL	401768.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02
2874	ALL	401788.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-02
2875	ALL	401908.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02
2876	ALL	401928.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02
2877	ALL	401948.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-02
2878	ALL	401968.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-02
2879	ALL	401988.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-02
2880	ALL	402008.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-02
2881	ALL	402028.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-02
2882	ALL	402048.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-02
2883	ALL	402068.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02
2884	ALL	402088.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-02
2885	ALL	402108.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-02
2886	ALL	402128.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-02
2887	ALL	402148.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2888	ALL	402168.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
2889	ALL	402188.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-03
2890	ALL	402208.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-03
2891	ALL	402228.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-03
2892	ALL	402248.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-03
2893	ALL	402268.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03
2894	ALL	402288.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-03
2895	ALL	402308.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-03
2896	ALL	402328.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03
2897	ALL	402348.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-03
2898	ALL	402368.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03
2899	ALL	402388.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03
2900	ALL	402408.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
2901	ALL	402428.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03
2902	ALL	402448.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03
2903	ALL	402468.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
2904	ALL	402488.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03
2905	ALL	402508.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03
2906	ALL	401308.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
2907	ALL	401328.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
2908	ALL	401348.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
2909	ALL	401368.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
2910	ALL	401388.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
2911	ALL	401408.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
2912	ALL	401428.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
2913	ALL	401448.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
2914	ALL	401468.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
2915	ALL	401488.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
2916	ALL	401508.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
2917	ALL	401528.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03
2918	ALL	401548.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
2919	ALL	401568.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-03
2920	ALL	401588.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03
2921	ALL	401608.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-03
2922	ALL	401628.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-03
2923	ALL	401648.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-03
2924	ALL	401668.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-03
2925	ALL	401688.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-03
2926	ALL	401708.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-03
2927	ALL	401728.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02
2928	ALL	401748.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-02
2929	ALL	401768.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
2930	ALL	401788.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
2931	ALL	401888.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-02
2932	ALL	401908.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-02
2933	ALL	401928.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-02
2934	ALL	401948.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02
2935	ALL	401968.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02
2936	ALL	401988.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-02
2937	ALL	402008.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02
2938	ALL	402028.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-02
2939	ALL	402048.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02
2940	ALL	402068.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02
2941	ALL	402088.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02
2942	ALL	402108.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02
2943	ALL	402128.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
2944	ALL	402148.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02
2945	ALL	402168.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-03
2946	ALL	402188.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-03
2947	ALL	402208.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-03
2948	ALL	402228.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-03
2949	ALL	402248.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-03
2950	ALL	402268.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-03
2951	ALL	402288.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-03
2952	ALL	402308.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-03
2953	ALL	402328.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03
2954	ALL	402348.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03
2955	ALL	402368.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03
2956	ALL	402388.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-03
2957	ALL	402408.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03
2958	ALL	402428.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-03
2959	ALL	402448.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03
2960	ALL	402468.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
2961	ALL	402488.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03
2962	ALL	402508.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
2963	ALL	401308.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
2964	ALL	401328.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
2965	ALL	401348.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
2966	ALL	401368.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
2967	ALL	401388.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
2968	ALL	401408.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
2969	ALL	401428.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03

2970	ALL	401448.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
2971	ALL	401468.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
2972	ALL	401488.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
2973	ALL	401508.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
2974	ALL	401528.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
2975	ALL	401548.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
2976	ALL	401568.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03
2977	ALL	401588.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03
2978	ALL	401608.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-03
2979	ALL	401628.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-03
2980	ALL	401648.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-03
2981	ALL	401668.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-03
2982	ALL	401688.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-03
2983	ALL	401708.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-03
2984	ALL	401728.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-03
2985	ALL	401748.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02
2986	ALL	401768.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-02
2987	ALL	401788.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02
2988	ALL	401808.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02
2989	ALL	401828.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02
2990	ALL	401848.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02
2991	ALL	401868.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-02
2992	ALL	401888.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-02
2993	ALL	401908.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-02
2994	ALL	401928.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-02
2995	ALL	401948.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-02
2996	ALL	401968.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-02
2997	ALL	401988.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02
2998	ALL	402008.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-02
2999	ALL	402028.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02
3000	ALL	402048.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-02
3001	ALL	402068.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-02
3002	ALL	402088.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02
3003	ALL	402108.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02
3004	ALL	402128.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-03
3005	ALL	402148.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-03
3006	ALL	402168.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-03
3007	ALL	402188.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-03
3008	ALL	402208.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-03
3009	ALL	402228.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-03
3010	ALL	402248.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03
3011	ALL	402268.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-03
3012	ALL	402288.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03
3013	ALL	402308.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03
3014	ALL	402328.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03
3015	ALL	402348.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03
3016	ALL	402368.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-03
3017	ALL	402388.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-03
3018	ALL	402408.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03
3019	ALL	402428.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03
3020	ALL	402448.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03
3021	ALL	402468.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
3022	ALL	402488.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03
3023	ALL	402508.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-03
3024	ALL	401308.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
3025	ALL	401328.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
3026	ALL	401348.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
3027	ALL	401368.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
3028	ALL	401388.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
3029	ALL	401408.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
3030	ALL	401428.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
3031	ALL	401448.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
3032	ALL	401468.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
3033	ALL	401488.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
3034	ALL	401508.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
3035	ALL	401528.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
3036	ALL	401548.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-03
3037	ALL	401568.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03
3038	ALL	401588.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
3039	ALL	401608.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03
3040	ALL	401628.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
3041	ALL	401648.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
3042	ALL	401668.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-03
3043	ALL	401688.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-03
3044	ALL	401708.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-03
3045	ALL	401728.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03
3046	ALL	401748.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-03
3047	ALL	401768.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-03
3048	ALL	401788.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02
3049	ALL	401808.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-02
3050	ALL	401828.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02
3051	ALL	401848.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-02
3052	ALL	401868.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-02
3053	ALL	401888.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-02
3054	ALL	401908.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-02
3055	ALL	401928.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-02
3056	ALL	401948.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-02
3057	ALL	401968.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02
3058	ALL	401988.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02
3059	ALL	402008.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02
3060	ALL	402028.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
3061	ALL	402048.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-03
3062	ALL	402068.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-03
3063	ALL	402088.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-03
3064	ALL	402108.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-03
3065	ALL	402128.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-03
3066	ALL	402148.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-03
3067	ALL	402168.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-03
3068	ALL	402188.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-03

3069	ALL	402208.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-03
3070	ALL	402228.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-03
3071	ALL	402248.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-03
3072	ALL	402268.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-03
3073	ALL	402288.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03
3074	ALL	402308.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-03
3075	ALL	402328.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03
3076	ALL	402348.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03
3077	ALL	402368.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
3078	ALL	402388.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03
3079	ALL	402408.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03
3080	ALL	402428.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-03
3081	ALL	402448.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-03
3082	ALL	402468.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03
3083	ALL	402488.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
3084	ALL	402508.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03
3085	ALL	401308.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
3086	ALL	401328.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
3087	ALL	401348.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
3088	ALL	401368.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
3089	ALL	401388.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
3090	ALL	401408.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
3091	ALL	401428.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
3092	ALL	401448.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
3093	ALL	401468.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
3094	ALL	401488.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
3095	ALL	401508.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
3096	ALL	401528.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
3097	ALL	401548.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-03
3098	ALL	401568.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
3099	ALL	401588.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
3100	ALL	401608.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03
3101	ALL	401628.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
3102	ALL	401648.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03
3103	ALL	401668.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03
3104	ALL	401688.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-03
3105	ALL	401708.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03
3106	ALL	401728.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-03
3107	ALL	401748.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-03
3108	ALL	401768.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-03
3109	ALL	401788.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-03
3110	ALL	401808.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-03
3111	ALL	401828.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02
3112	ALL	401848.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-02
3113	ALL	401868.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
3114	ALL	401888.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02
3115	ALL	401908.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
3116	ALL	401928.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-03
3117	ALL	401948.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-03
3118	ALL	401968.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-03
3119	ALL	401988.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-03
3120	ALL	402008.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-03
3121	ALL	402028.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-03
3122	ALL	402048.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-03
3123	ALL	402068.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-03
3124	ALL	402088.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-03
3125	ALL	402108.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-03
3126	ALL	402128.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-03
3127	ALL	402148.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-03
3128	ALL	402168.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-03
3129	ALL	402188.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-03
3130	ALL	402208.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-03
3131	ALL	402228.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03
3132	ALL	402248.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-03
3133	ALL	402268.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03
3134	ALL	402288.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-03
3135	ALL	402308.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03
3136	ALL	402328.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03
3137	ALL	402348.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
3138	ALL	402368.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
3139	ALL	402388.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03
3140	ALL	402408.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03
3141	ALL	402428.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03
3142	ALL	402448.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03
3143	ALL	402468.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
3144	ALL	402488.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
3145	ALL	402508.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03
3146	ALL	401308.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
3147	ALL	401328.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
3148	ALL	401348.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
3149	ALL	401368.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3150	ALL	401388.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
3151	ALL	401408.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
3152	ALL	401428.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
3153	ALL	401448.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
3154	ALL	401468.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
3155	ALL	401488.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
3156	ALL	401508.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
3157	ALL	401528.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
3158	ALL	401548.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
3159	ALL	401568.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
3160	ALL	401588.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
3161	ALL	401608.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03
3162	ALL	401628.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
3163	ALL	401648.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03
3164	ALL	401668.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03
3165	ALL	401688.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03
3166	ALL	401708.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03
3167	ALL	401728.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-03

3168	ALL	401748.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-03
3169	ALL	401768.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03
3170	ALL	401788.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-03
3171	ALL	401808.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-03
3172	ALL	401828.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-03
3173	ALL	401848.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-03
3174	ALL	401868.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-03
3175	ALL	401888.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-03
3176	ALL	401908.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-03
3177	ALL	401928.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-03
3178	ALL	401948.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-03
3179	ALL	401968.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03
3180	ALL	401988.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-03
3181	ALL	402008.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-03
3182	ALL	402028.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03
3183	ALL	402048.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-03
3184	ALL	402068.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-03
3185	ALL	402088.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-03
3186	ALL	402108.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03
3187	ALL	402128.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-03
3188	ALL	402148.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-03
3189	ALL	402168.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-03
3190	ALL	402188.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-03
3191	ALL	402208.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-03
3192	ALL	402228.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03
3193	ALL	402248.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03
3194	ALL	402268.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-03
3195	ALL	402288.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03
3196	ALL	402308.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03
3197	ALL	402328.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
3198	ALL	402348.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-03
3199	ALL	402368.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
3200	ALL	402388.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03
3201	ALL	402408.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03
3202	ALL	402428.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
3203	ALL	402448.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-03
3204	ALL	402468.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-03
3205	ALL	402488.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
3206	ALL	402508.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
3207	ALL	401308.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-04
3208	ALL	401328.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3209	ALL	401348.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
3210	ALL	401368.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
3211	ALL	401388.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
3212	ALL	401408.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
3213	ALL	401428.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
3214	ALL	401448.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
3215	ALL	401468.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
3216	ALL	401488.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
3217	ALL	401508.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
3218	ALL	401528.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
3219	ALL	401548.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
3220	ALL	401568.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
3221	ALL	401588.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
3222	ALL	401608.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03
3223	ALL	401628.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
3224	ALL	401648.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03
3225	ALL	401668.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03
3226	ALL	401688.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
3227	ALL	401708.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-03
3228	ALL	401728.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03
3229	ALL	401748.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
3230	ALL	401768.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03
3231	ALL	401788.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-03
3232	ALL	401808.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03
3233	ALL	401828.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-03
3234	ALL	401848.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03
3235	ALL	401868.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-03
3236	ALL	401888.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-03
3237	ALL	401908.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-03
3238	ALL	401928.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03
3239	ALL	401948.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-03
3240	ALL	401968.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03
3241	ALL	401988.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03
3242	ALL	402008.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03
3243	ALL	402028.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03
3244	ALL	402048.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03
3245	ALL	402068.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-03
3246	ALL	402088.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03
3247	ALL	402108.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03
3248	ALL	402128.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-03
3249	ALL	402148.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-03
3250	ALL	402168.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-03
3251	ALL	402188.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-03
3252	ALL	402208.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03
3253	ALL	402228.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-03
3254	ALL	402248.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03
3255	ALL	402268.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
3256	ALL	402288.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
3257	ALL	402308.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
3258	ALL	402328.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
3259	ALL	402348.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
3260	ALL	402368.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03
3261	ALL	402388.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-03
3262	ALL	402408.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
3263	ALL	402428.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03
3264	ALL	402448.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
3265	ALL	402468.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
3266	ALL	402488.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03

3267	ALL	402508.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
3268	ALL	401308.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-04
3269	ALL	401328.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-04
3270	ALL	401348.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3271	ALL	401368.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3272	ALL	401388.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
3273	ALL	401408.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3274	ALL	401428.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
3275	ALL	401448.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
3276	ALL	401468.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
3277	ALL	401488.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
3278	ALL	401508.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
3279	ALL	401528.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
3280	ALL	401548.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
3281	ALL	401568.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
3282	ALL	401588.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
3283	ALL	401608.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
3284	ALL	401628.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
3285	ALL	401648.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
3286	ALL	401668.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
3287	ALL	401688.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03
3288	ALL	401708.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
3289	ALL	401728.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
3290	ALL	401748.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
3291	ALL	401768.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
3292	ALL	401788.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-03
3293	ALL	401808.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03
3294	ALL	401828.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-03
3295	ALL	401848.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-03
3296	ALL	401868.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03
3297	ALL	401888.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-03
3298	ALL	401908.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03
3299	ALL	401928.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03
3300	ALL	401948.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
3301	ALL	401968.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03
3302	ALL	401988.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
3303	ALL	402008.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
3304	ALL	402028.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
3305	ALL	402048.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03
3306	ALL	402068.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03
3307	ALL	402088.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03
3308	ALL	402108.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03
3309	ALL	402128.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03
3310	ALL	402148.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-03
3311	ALL	402168.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03
3312	ALL	402188.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03
3313	ALL	402208.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-03
3314	ALL	402228.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03
3315	ALL	402248.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
3316	ALL	402268.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03
3317	ALL	402288.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03
3318	ALL	402308.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
3319	ALL	402328.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03
3320	ALL	402348.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03
3321	ALL	402368.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
3322	ALL	402388.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
3323	ALL	402408.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
3324	ALL	402428.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03
3325	ALL	402448.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
3326	ALL	402468.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03
3327	ALL	402488.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
3328	ALL	402508.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
3329	ALL	401308.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04
3330	ALL	401328.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04
3331	ALL	401348.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04
3332	ALL	401368.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04
3333	ALL	401388.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
3334	ALL	401408.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
3335	ALL	401428.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
3336	ALL	401448.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
3337	ALL	401468.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
3338	ALL	401488.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
3339	ALL	401508.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
3340	ALL	401528.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
3341	ALL	401548.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
3342	ALL	401568.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
3343	ALL	401588.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
3344	ALL	401608.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
3345	ALL	401628.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
3346	ALL	401648.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
3347	ALL	401668.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
3348	ALL	401688.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
3349	ALL	401708.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
3350	ALL	401728.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
3351	ALL	401748.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
3352	ALL	401768.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
3353	ALL	401788.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03
3354	ALL	401808.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
3355	ALL	401828.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03
3356	ALL	401848.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03
3357	ALL	401868.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03
3358	ALL	401888.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
3359	ALL	401908.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03
3360	ALL	401928.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-03
3361	ALL	401948.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
3362	ALL	401968.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
3363	ALL	401988.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03
3364	ALL	402008.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
3365	ALL	402028.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03

3366	ALL	402048.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
3367	ALL	402068.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
3368	ALL	402088.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
3369	ALL	402108.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03
3370	ALL	402128.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
3371	ALL	402148.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03
3372	ALL	402168.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03
3373	ALL	402188.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-03
3374	ALL	402208.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03
3375	ALL	402228.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03
3376	ALL	402248.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
3377	ALL	402268.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
3378	ALL	402288.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-03
3379	ALL	402308.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
3380	ALL	402328.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
3381	ALL	402348.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
3382	ALL	402368.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
3383	ALL	402388.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
3384	ALL	402408.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
3385	ALL	402428.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
3386	ALL	402448.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
3387	ALL	402468.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
3388	ALL	402488.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
3389	ALL	402508.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
3390	ALL	401308.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
3391	ALL	401328.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04
3392	ALL	401348.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-04
3393	ALL	401368.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04
3394	ALL	401388.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04
3395	ALL	401408.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-04
3396	ALL	401428.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3397	ALL	401448.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3398	ALL	401468.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
3399	ALL	401488.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3400	ALL	401508.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
3401	ALL	401528.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
3402	ALL	401548.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
3403	ALL	401568.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
3404	ALL	401588.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
3405	ALL	401608.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
3406	ALL	401628.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
3407	ALL	401648.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
3408	ALL	401668.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
3409	ALL	401688.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
3410	ALL	401708.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
3411	ALL	401728.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
3412	ALL	401748.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
3413	ALL	401768.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
3414	ALL	401788.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
3415	ALL	401808.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
3416	ALL	401828.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
3417	ALL	401848.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03
3418	ALL	401868.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
3419	ALL	401888.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03
3420	ALL	401908.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
3421	ALL	401928.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
3422	ALL	401948.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
3423	ALL	401968.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
3424	ALL	401988.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
3425	ALL	402008.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03
3426	ALL	402028.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
3427	ALL	402048.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
3428	ALL	402068.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
3429	ALL	402088.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03
3430	ALL	402108.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
3431	ALL	402128.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
3432	ALL	402148.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
3433	ALL	402168.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-03
3434	ALL	402188.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
3435	ALL	402208.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-03
3436	ALL	402228.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
3437	ALL	402248.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-03
3438	ALL	402268.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03
3439	ALL	402288.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
3440	ALL	402308.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
3441	ALL	402328.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
3442	ALL	402348.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
3443	ALL	402368.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
3444	ALL	402388.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
3445	ALL	402408.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
3446	ALL	402428.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
3447	ALL	402448.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
3448	ALL	402468.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
3449	ALL	402488.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
3450	ALL	402508.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
3451	ALL	401308.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-04
3452	ALL	401328.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
3453	ALL	401348.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
3454	ALL	401368.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-04
3455	ALL	401388.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04
3456	ALL	401408.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-04
3457	ALL	401428.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
3458	ALL	401448.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04
3459	ALL	401468.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
3460	ALL	401488.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
3461	ALL	401508.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
3462	ALL	401528.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
3463	ALL	401548.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
3464	ALL	401568.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03

3465	ALL	401588.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
3466	ALL	401608.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
3467	ALL	401628.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
3468	ALL	401648.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
3469	ALL	401668.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
3470	ALL	401688.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
3471	ALL	401708.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
3472	ALL	401728.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
3473	ALL	401748.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
3474	ALL	401768.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
3475	ALL	401788.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
3476	ALL	401808.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
3477	ALL	401828.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
3478	ALL	401848.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
3479	ALL	401868.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
3480	ALL	401888.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
3481	ALL	401908.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
3482	ALL	401928.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
3483	ALL	401948.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
3484	ALL	401968.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
3485	ALL	401988.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
3486	ALL	402008.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
3487	ALL	402028.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
3488	ALL	402048.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
3489	ALL	402068.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
3490	ALL	402088.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
3491	ALL	402108.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
3492	ALL	402128.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
3493	ALL	402148.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
3494	ALL	402168.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
3495	ALL	402188.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
3496	ALL	402208.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
3497	ALL	402228.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
3498	ALL	402248.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03
3499	ALL	402268.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
3500	ALL	402288.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
3501	ALL	402308.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
3502	ALL	402328.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
3503	ALL	402348.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
3504	ALL	402368.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
3505	ALL	402388.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
3506	ALL	402408.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
3507	ALL	402428.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
3508	ALL	402448.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
3509	ALL	402468.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
3510	ALL	402488.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
3511	ALL	402508.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
3512	ALL	401308.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04
3513	ALL	401328.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
3514	ALL	401348.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04
3515	ALL	401368.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
3516	ALL	401388.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04
3517	ALL	401408.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
3518	ALL	401428.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04
3519	ALL	401448.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-04
3520	ALL	401468.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04
3521	ALL	401488.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3522	ALL	401508.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
3523	ALL	401528.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
3524	ALL	401548.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3525	ALL	401568.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
3526	ALL	401588.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
3527	ALL	401608.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
3528	ALL	401628.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
3529	ALL	401648.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
3530	ALL	401668.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
3531	ALL	401688.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
3532	ALL	401708.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
3533	ALL	401728.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
3534	ALL	401748.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
3535	ALL	401768.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
3536	ALL	401788.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
3537	ALL	401808.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
3538	ALL	401828.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
3539	ALL	401848.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
3540	ALL	401868.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
3541	ALL	401888.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
3542	ALL	401908.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
3543	ALL	401928.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
3544	ALL	401948.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
3545	ALL	401968.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
3546	ALL	401988.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
3547	ALL	402008.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
3548	ALL	402028.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
3549	ALL	402048.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
3550	ALL	402068.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
3551	ALL	402088.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
3552	ALL	402108.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03
3553	ALL	402128.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
3554	ALL	402148.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03
3555	ALL	402168.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
3556	ALL	402188.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
3557	ALL	402208.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
3558	ALL	402228.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
3559	ALL	402248.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
3560	ALL	402268.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
3561	ALL	402288.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
3562	ALL	402308.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
3563	ALL	402328.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03

3564	ALL	402348.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
3565	ALL	402368.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
3566	ALL	402388.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
3567	ALL	402408.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
3568	ALL	402428.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
3569	ALL	402448.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
3570	ALL	402468.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
3571	ALL	402488.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
3572	ALL	402508.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
3573	ALL	401308.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04
3574	ALL	401328.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
3575	ALL	401348.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04
3576	ALL	401368.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04
3577	ALL	401388.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04
3578	ALL	401408.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04
3579	ALL	401428.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04
3580	ALL	401448.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
3581	ALL	401468.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04
3582	ALL	401488.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
3583	ALL	401508.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
3584	ALL	401528.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
3585	ALL	401548.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
3586	ALL	401568.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
3587	ALL	401588.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
3588	ALL	401608.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
3589	ALL	401628.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
3590	ALL	401648.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
3591	ALL	401668.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3592	ALL	401688.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
3593	ALL	401708.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
3594	ALL	401728.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
3595	ALL	401748.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
3596	ALL	401768.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
3597	ALL	401788.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
3598	ALL	401808.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
3599	ALL	401828.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
3600	ALL	401848.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
3601	ALL	401868.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3602	ALL	401888.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
3603	ALL	401908.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
3604	ALL	401928.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3605	ALL	401948.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3606	ALL	401968.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
3607	ALL	401988.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
3608	ALL	402008.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
3609	ALL	402028.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
3610	ALL	402048.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
3611	ALL	402068.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
3612	ALL	402088.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
3613	ALL	402108.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
3614	ALL	402128.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
3615	ALL	402148.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
3616	ALL	402168.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
3617	ALL	402188.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
3618	ALL	402208.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
3619	ALL	402228.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
3620	ALL	402248.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
3621	ALL	402268.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
3622	ALL	402288.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
3623	ALL	402308.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
3624	ALL	402328.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
3625	ALL	402348.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
3626	ALL	402368.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
3627	ALL	402388.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
3628	ALL	402408.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
3629	ALL	402428.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
3630	ALL	402448.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
3631	ALL	402468.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
3632	ALL	402488.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
3633	ALL	402508.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
3634	ALL	401308.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04
3635	ALL	401328.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04
3636	ALL	401348.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04
3637	ALL	401368.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04
3638	ALL	401388.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04
3639	ALL	401408.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04
3640	ALL	401428.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04
3641	ALL	401448.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04
3642	ALL	401468.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-04
3643	ALL	401488.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04
3644	ALL	401508.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04
3645	ALL	401528.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04
3646	ALL	401548.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-04
3647	ALL	401568.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
3648	ALL	401588.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04
3649	ALL	401608.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-04
3650	ALL	401628.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
3651	ALL	401648.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3652	ALL	401668.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
3653	ALL	401688.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
3654	ALL	401708.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
3655	ALL	401728.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3656	ALL	401748.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3657	ALL	401768.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
3658	ALL	401788.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3659	ALL	401808.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3660	ALL	401828.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
3661	ALL	401848.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
3662	ALL	401868.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03

3663	ALL	401888.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
3664	ALL	401908.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
3665	ALL	401928.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
3666	ALL	401948.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
3667	ALL	401968.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
3668	ALL	401988.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
3669	ALL	402008.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
3670	ALL	402028.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3671	ALL	402048.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
3672	ALL	402068.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
3673	ALL	402088.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
3674	ALL	402108.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
3675	ALL	402128.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
3676	ALL	402148.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
3677	ALL	402168.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
3678	ALL	402188.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
3679	ALL	402208.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
3680	ALL	402228.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3681	ALL	402248.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
3682	ALL	402268.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
3683	ALL	402288.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
3684	ALL	402308.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3685	ALL	402328.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3686	ALL	402348.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
3687	ALL	402368.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
3688	ALL	402388.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3689	ALL	402408.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
3690	ALL	402428.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
3691	ALL	402448.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
3692	ALL	402468.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
3693	ALL	402488.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
3694	ALL	402508.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
3695	ALL	401308.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
3696	ALL	401328.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
3697	ALL	401348.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
3698	ALL	401368.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04
3699	ALL	401388.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
3700	ALL	401408.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04
3701	ALL	401428.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
3702	ALL	401448.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
3703	ALL	401468.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04
3704	ALL	401488.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04
3705	ALL	401508.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04
3706	ALL	401528.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
3707	ALL	401548.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04
3708	ALL	401568.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
3709	ALL	401588.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04
3710	ALL	401608.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04
3711	ALL	401628.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04
3712	ALL	401648.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04
3713	ALL	401668.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04
3714	ALL	401688.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04
3715	ALL	401708.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-04
3716	ALL	401728.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04
3717	ALL	401748.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04
3718	ALL	401768.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
3719	ALL	401788.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3720	ALL	401808.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
3721	ALL	401828.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04
3722	ALL	401848.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04
3723	ALL	401868.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-04
3724	ALL	401888.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-04
3725	ALL	401908.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04
3726	ALL	401928.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-04
3727	ALL	401948.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3728	ALL	401968.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
3729	ALL	401988.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
3730	ALL	402008.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
3731	ALL	402028.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
3732	ALL	402048.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
3733	ALL	402068.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
3734	ALL	402088.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
3735	ALL	402108.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3736	ALL	402128.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
3737	ALL	402148.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
3738	ALL	402168.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
3739	ALL	402188.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
3740	ALL	402208.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
3741	ALL	402228.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
3742	ALL	402248.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
3743	ALL	402268.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3744	ALL	402288.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3745	ALL	402308.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3746	ALL	402328.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3747	ALL	402348.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
3748	ALL	402368.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
3749	ALL	402388.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
3750	ALL	402408.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
3751	ALL	402428.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
3752	ALL	402448.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
3753	ALL	402468.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
3754	ALL	402488.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
3755	ALL	402508.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
3756	ALL	401308.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
3757	ALL	401328.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
3758	ALL	401348.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
3759	ALL	401368.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
3760	ALL	401388.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04
3761	ALL	401408.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04

3762	ALL	401428.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04
3763	ALL	401448.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
3764	ALL	401468.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04
3765	ALL	401488.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
3766	ALL	401508.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04
3767	ALL	401528.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
3768	ALL	401548.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04
3769	ALL	401568.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
3770	ALL	401588.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
3771	ALL	401608.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04
3772	ALL	401628.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04
3773	ALL	401648.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
3774	ALL	401668.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-04
3775	ALL	401688.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04
3776	ALL	401708.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-04
3777	ALL	401728.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04
3778	ALL	401748.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-04
3779	ALL	401768.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04
3780	ALL	401788.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04
3781	ALL	401808.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04
3782	ALL	401828.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-04
3783	ALL	401848.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-04
3784	ALL	401868.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04
3785	ALL	401888.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04
3786	ALL	401908.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-04
3787	ALL	401928.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04
3788	ALL	401948.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
3789	ALL	401968.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3790	ALL	401988.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04
3791	ALL	402008.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-04
3792	ALL	402028.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04
3793	ALL	402048.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
3794	ALL	402068.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
3795	ALL	402088.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3796	ALL	402108.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
3797	ALL	402128.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
3798	ALL	402148.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
3799	ALL	402168.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
3800	ALL	402188.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
3801	ALL	402208.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
3802	ALL	402228.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
3803	ALL	402248.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3804	ALL	402268.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3805	ALL	402288.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3806	ALL	402308.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3807	ALL	402328.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3808	ALL	402348.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
3809	ALL	402368.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
3810	ALL	402388.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
3811	ALL	402408.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
3812	ALL	402428.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
3813	ALL	402448.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
3814	ALL	402468.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
3815	ALL	402488.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
3816	ALL	402508.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
3817	ALL	401308.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
3818	ALL	401328.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
3819	ALL	401348.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04
3820	ALL	401368.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04
3821	ALL	401388.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04
3822	ALL	401408.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
3823	ALL	401428.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
3824	ALL	401448.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
3825	ALL	401468.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
3826	ALL	401488.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
3827	ALL	401508.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
3828	ALL	401528.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
3829	ALL	401548.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
3830	ALL	401568.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
3831	ALL	401588.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
3832	ALL	401608.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
3833	ALL	401628.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04
3834	ALL	401648.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-04
3835	ALL	401668.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04
3836	ALL	401688.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
3837	ALL	401708.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04
3838	ALL	401728.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04
3839	ALL	401748.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04
3840	ALL	401768.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04
3841	ALL	401788.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04
3842	ALL	401808.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04
3843	ALL	401828.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-04
3844	ALL	401848.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04
3845	ALL	401868.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04
3846	ALL	401888.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
3847	ALL	401908.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04
3848	ALL	401928.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04
3849	ALL	401948.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04
3850	ALL	401968.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-04
3851	ALL	401988.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-04
3852	ALL	402008.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-04
3853	ALL	402028.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04
3854	ALL	402048.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04
3855	ALL	402068.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-04
3856	ALL	402088.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
3857	ALL	402108.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
3858	ALL	402128.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3859	ALL	402148.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
3860	ALL	402168.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03

3861	ALL	402188.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
3862	ALL	402208.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
3863	ALL	402228.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-04
3864	ALL	402248.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-04
3865	ALL	402268.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04
3866	ALL	402288.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04
3867	ALL	402308.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04
3868	ALL	402328.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04
3869	ALL	402348.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04
3870	ALL	402368.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04
3871	ALL	402388.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04
3872	ALL	402408.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04
3873	ALL	402428.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3874	ALL	402448.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
3875	ALL	402468.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
3876	ALL	402488.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
3877	ALL	402508.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
3878	ALL	401308.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
3879	ALL	401328.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04
3880	ALL	401348.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
3881	ALL	401368.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
3882	ALL	401388.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04
3883	ALL	401408.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
3884	ALL	401428.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
3885	ALL	401448.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
3886	ALL	401468.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
3887	ALL	401488.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04
3888	ALL	401508.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
3889	ALL	401528.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
3890	ALL	401548.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
3891	ALL	401568.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
3892	ALL	401588.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
3893	ALL	401608.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
3894	ALL	401628.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
3895	ALL	401648.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
3896	ALL	401668.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
3897	ALL	401688.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04
3898	ALL	401708.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04
3899	ALL	401728.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
3900	ALL	401748.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04
3901	ALL	401768.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04
3902	ALL	401788.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
3903	ALL	401808.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04
3904	ALL	401828.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04
3905	ALL	401848.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
3906	ALL	401868.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
3907	ALL	401888.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04
3908	ALL	401908.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04
3909	ALL	401928.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
3910	ALL	401948.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04
3911	ALL	401968.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04
3912	ALL	401988.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04
3913	ALL	402008.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
3914	ALL	402028.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
3915	ALL	402048.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04
3916	ALL	402068.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04
3917	ALL	402088.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-04
3918	ALL	402108.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-04
3919	ALL	402128.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04
3920	ALL	402148.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
3921	ALL	402168.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
3922	ALL	402188.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
3923	ALL	402208.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
3924	ALL	402228.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
3925	ALL	402248.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04
3926	ALL	402268.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04
3927	ALL	402288.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04
3928	ALL	402308.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-04
3929	ALL	402328.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-04
3930	ALL	402348.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04
3931	ALL	402368.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04
3932	ALL	402388.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
3933	ALL	402408.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-04
3934	ALL	402428.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-04
3935	ALL	402448.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
3936	ALL	402468.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04
3937	ALL	402488.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04
3938	ALL	402508.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04
3939	ALL	401308.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
3940	ALL	401328.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
3941	ALL	401348.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04
3942	ALL	401368.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
3943	ALL	401388.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
3944	ALL	401408.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
3945	ALL	401428.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
3946	ALL	401448.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
3947	ALL	401468.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
3948	ALL	401488.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04
3949	ALL	401508.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
3950	ALL	401528.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
3951	ALL	401548.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
3952	ALL	401568.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
3953	ALL	401588.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04
3954	ALL	401608.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
3955	ALL	401628.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04
3956	ALL	401648.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
3957	ALL	401668.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04
3958	ALL	401688.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
3959	ALL	401708.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04

3960	ALL	401728.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
3961	ALL	401748.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04
3962	ALL	401768.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04
3963	ALL	401788.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
3964	ALL	401808.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04
3965	ALL	401828.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
3966	ALL	401848.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
3967	ALL	401868.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04
3968	ALL	401888.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04
3969	ALL	401908.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04
3970	ALL	401928.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04
3971	ALL	401948.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04
3972	ALL	401968.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04
3973	ALL	401988.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04
3974	ALL	402008.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04
3975	ALL	402028.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04
3976	ALL	402048.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04
3977	ALL	402068.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
3978	ALL	402088.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04
3979	ALL	402108.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04
3980	ALL	402128.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04
3981	ALL	402148.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-04
3982	ALL	402168.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
3983	ALL	402188.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3984	ALL	402208.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04
3985	ALL	402228.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04
3986	ALL	402248.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04
3987	ALL	402268.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
3988	ALL	402288.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
3989	ALL	402308.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04
3990	ALL	402328.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04
3991	ALL	402348.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-04
3992	ALL	402368.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04
3993	ALL	402388.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
3994	ALL	402408.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
3995	ALL	402428.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04
3996	ALL	402448.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04
3997	ALL	402468.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-04
3998	ALL	402488.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04
3999	ALL	402508.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04
4000	ALL	402116.1	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-02
4001	ALL	402111.6	3781632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-02
4002	ALL	402072.8	3781725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-02
4003	ALL	402058.7	3781777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-02
4004	ALL	402061.5	3781813	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-02
4005	ALL	402065.5	3781835	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-02
4006	ALL	401913.1	3781830	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-02
4007	ALL	401870.3	3781887	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-02
4008	ALL	401788.8	3781885	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-02
4009	ALL	401791	3781612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-02

HARP2 - HRACalc (dated 21081) 4/8/2021 9:24:05 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1.333333

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.333333
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS HARP\hra\Res-MitCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS HARP\hra\Res-MitCancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS HARP\hra\Res-MitNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS HARP\hra\Res-MitNCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS HARP\hra\Res-MitNCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\Meadows at Sierra Madre\MEADOWS HARP\hra\Res-MitNCAcuteRiskSumByRec.csv
HRA ran successfully

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_R	EGG_RISK
1	ALL		399068	3778942	1.40E-08	1.333333Y	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		399349.8	3778942	1.51E-08	1.333333Y	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		399631.6	3778942	1.64E-08	1.333333Y	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		399913.4	3778942	1.78E-08	1.333333Y	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		400195.2	3778942	1.93E-08	1.333333Y	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		400477	3778942	2.08E-08	1.333333Y	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		400758.8	3778942	2.23E-08	1.333333Y	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		401040.6	3778942	2.38E-08	1.333333Y	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		401322.4	3778942	2.52E-08	1.333333Y	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		401604.2	3778942	2.65E-08	1.333333Y	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		401886	3778942	2.80E-08	1.333333Y	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		402167.8	3778942	2.97E-08	1.333333Y	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		402449.6	3778942	3.18E-08	1.333333Y	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		402731.4	3778942	3.38E-08	1.333333Y	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		403013.2	3778942	3.31E-08	1.333333Y	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		403295	3778942	2.95E-08	1.333333Y	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		403576.8	3778942	2.57E-08	1.333333Y	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		403858.6	3778942	2.26E-08	1.333333Y	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		404140.4	3778942	1.99E-08	1.333333Y	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		404422.2	3778942	1.79E-08	1.333333Y	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		404704	3778942	1.62E-08	1.333333Y	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		399068	3779206	1.50E-08	1.333333Y	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		399349.8	3779206	1.63E-08	1.333333Y	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		399631.6	3779206	1.78E-08	1.333333Y	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		399913.4	3779206	1.95E-08	1.333333Y	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		400195.2	3779206	2.13E-08	1.333333Y	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		400477	3779206	2.32E-08	1.333333Y	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		400758.8	3779206	2.52E-08	1.333333Y	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		401040.6	3779206	2.71E-08	1.333333Y	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		401322.4	3779206	2.93E-08	1.333333Y	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		401604.2	3779206	3.10E-08	1.333333Y	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		401886	3779206	3.32E-08	1.333333Y	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		402167.8	3779206	3.62E-08	1.333333Y	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		402449.6	3779206	4.14E-08	1.333333Y	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		402731.4	3779206	5.32E-08	1.333333Y	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		403013.2	3779206	5.46E-08	1.333333Y	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		403295	3779206	3.90E-08	1.333333Y	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		403576.8	3779206	3.11E-08	1.333333Y	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		403858.6	3779206	2.62E-08	1.333333Y	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		404140.4	3779206	2.25E-08	1.333333Y	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		404422.2	3779206	1.98E-08	1.333333Y	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		404704	3779206	1.77E-08	1.333333Y	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		399068	3779469	1.60E-08	1.333333Y	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		399349.8	3779469	1.75E-08	1.333333Y	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		399631.6	3779469	1.92E-08	1.333333Y	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		399913.4	3779469	2.13E-08	1.333333Y	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		400195.2	3779469	2.36E-08	1.333333Y	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		400477	3779469	2.60E-08	1.333333Y	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		400758.8	3779469	2.86E-08	1.333333Y	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		401040.6	3779469	3.14E-08	1.333333Y	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		401322.4	3779469	3.39E-08	1.333333Y	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		401604.2	3779469	3.64E-08	1.333333Y	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		401886	3779469	3.94E-08	1.333333Y	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		402167.8	3779469	4.35E-08	1.333333Y	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		402449.6	3779469	5.26E-08	1.333333Y	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		402731.4	3779469	9.47E-08	1.333333Y	9.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		403013.2	3779469	1.36E-07	1.333333Y	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		403295	3779469	5.33E-08	1.333333Y	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		403576.8	3779469	3.77E-08	1.333333Y	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		403858.6	3779469	3.02E-08	1.333333Y	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		404140.4	3779469	2.54E-08	1.333333Y	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		404422.2	3779469	2.18E-08	1.333333Y	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		404704	3779469	1.92E-08	1.333333Y	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		399068	3779733	1.70E-08	1.333333Y	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		399349.8	3779733	1.88E-08	1.333333Y	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		399631.6	3779733	2.09E-08	1.333333Y	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		399913.4	3779733	2.34E-08	1.333333Y	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		400195.2	3779733	2.62E-08	1.333333Y	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		400477	3779733	2.93E-08	1.333333Y	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		400758.8	3779733	3.32E-08	1.333333Y	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		401040.6	3779733	3.66E-08	1.333333Y	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		401322.4	3779733	3.99E-08	1.333333Y	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		401604.2	3779733	4.32E-08	1.333333Y	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		401886	3779733	4.66E-08	1.333333Y	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		402167.8	3779733	5.13E-08	1.333333Y	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		402449.6	3779733	6.13E-08	1.333333Y	6.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		402731.4	3779733	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		403013.2	3779733	1.78E-07	1.333333Y	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		403295	3779733	6.62E-08	1.333333Y	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		403576.8	3779733	4.47E-08	1.333333Y	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		403858.6	3779733	3.46E-08	1.333333Y	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		404140.4	3779733	2.82E-08	1.333333Y	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		404422.2	3779733	2.41E-08	1.333333Y	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		404704	3779733	2.08E-08	1.333333Y	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		399068	3779996	1.81E-08	1.333333Y	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		399349.8	3779996	2.02E-08	1.333333Y	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		399631.6	3779996	2.27E-08	1.333333Y	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		399913.4	3779996	2.56E-08	1.333333Y	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		400195.2	3779996	2.91E-08	1.333333Y	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		400477	3779996	3.32E-08	1.333333Y	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

91	ALL	400758.8	3779996	3.85E-08	1.333333Y	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	401040.6	3779996	4.32E-08	1.333333Y	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	401322.4	3779996	4.79E-08	1.333333Y	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	401604.2	3779996	5.23E-08	1.333333Y	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	401886	3779996	5.62E-08	1.333333Y	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	402167.8	3779996	6.05E-08	1.333333Y	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	402449.6	3779996	6.99E-08	1.333333Y	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	402731.4	3779996	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	403013.2	3779996	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	403295	3779996	7.59E-08	1.333333Y	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	403576.8	3779996	5.09E-08	1.333333Y	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	403858.6	3779996	3.87E-08	1.333333Y	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	404140.4	3779996	3.13E-08	1.333333Y	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	404422.2	3779996	2.62E-08	1.333333Y	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	404704	3779996	2.24E-08	1.333333Y	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	399068	3780260	1.92E-08	1.333333Y	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	399349.8	3780260	2.16E-08	1.333333Y	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	399631.6	3780260	2.45E-08	1.333333Y	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	399913.4	3780260	2.81E-08	1.333333Y	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	400195.2	3780260	3.25E-08	1.333333Y	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	400477	3780260	3.87E-08	1.333333Y	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	400758.8	3780260	4.50E-08	1.333333Y	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	401040.6	3780260	5.19E-08	1.333333Y	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	401322.4	3780260	5.91E-08	1.333333Y	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	401604.2	3780260	6.54E-08	1.333333Y	6.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	401886	3780260	7.01E-08	1.333333Y	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	402167.8	3780260	7.38E-08	1.333333Y	7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	402449.6	3780260	8.06E-08	1.333333Y	8.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	402731.4	3780260	1.13E-07	1.333333Y	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	403013.2	3780260	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	403295	3780260	8.41E-08	1.333333Y	8.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	403576.8	3780260	5.64E-08	1.333333Y	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	403858.6	3780260	4.27E-08	1.333333Y	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	404140.4	3780260	3.41E-08	1.333333Y	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	404422.2	3780260	2.83E-08	1.333333Y	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	404704	3780260	2.40E-08	1.333333Y	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	399068	3780523	2.03E-08	1.333333Y	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	399349.8	3780523	2.29E-08	1.333333Y	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	399631.6	3780523	2.63E-08	1.333333Y	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	399913.4	3780523	3.06E-08	1.333333Y	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	400195.2	3780523	3.65E-08	1.333333Y	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	400477	3780523	4.35E-08	1.333333Y	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	400758.8	3780523	5.34E-08	1.333333Y	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	401040.6	3780523	6.40E-08	1.333333Y	6.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	401322.4	3780523	7.57E-08	1.333333Y	7.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	401604.2	3780523	8.64E-08	1.333333Y	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	401886	3780523	9.29E-08	1.333333Y	9.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	402167.8	3780523	9.48E-08	1.333333Y	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	402449.6	3780523	9.71E-08	1.333333Y	9.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	402731.4	3780523	1.20E-07	1.333333Y	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	403013.2	3780523	3.30E-07	1.333333Y	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	403295	3780523	9.26E-08	1.333333Y	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	403576.8	3780523	6.16E-08	1.333333Y	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	403858.6	3780523	4.64E-08	1.333333Y	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	404140.4	3780523	3.67E-08	1.333333Y	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	404422.2	3780523	3.02E-08	1.333333Y	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	404704	3780523	2.54E-08	1.333333Y	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	399068	3780787	2.12E-08	1.333333Y	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	399349.8	3780787	2.43E-08	1.333333Y	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	399631.6	3780787	2.77E-08	1.333333Y	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	399913.4	3780787	3.31E-08	1.333333Y	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	400195.2	3780787	4.03E-08	1.333333Y	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	400477	3780787	5.02E-08	1.333333Y	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	400758.8	3780787	6.41E-08	1.333333Y	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	401040.6	3780787	8.11E-08	1.333333Y	8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	401322.4	3780787	1.03E-07	1.333333Y	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	401604.2	3780787	1.23E-07	1.333333Y	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	401886	3780787	1.35E-07	1.333333Y	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	402167.8	3780787	1.33E-07	1.333333Y	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	402449.6	3780787	1.25E-07	1.333333Y	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	402731.4	3780787	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	403013.2	3780787	4.40E-07	1.333333Y	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	403295	3780787	1.02E-07	1.333333Y	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	403576.8	3780787	6.68E-08	1.333333Y	6.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	403858.6	3780787	4.99E-08	1.333333Y	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	404140.4	3780787	3.91E-08	1.333333Y	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	404422.2	3780787	3.18E-08	1.333333Y	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	404704	3780787	2.72E-08	1.333333Y	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	399068	3781050	2.20E-08	1.333333Y	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	399349.8	3781050	2.54E-08	1.333333Y	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	399631.6	3781050	2.98E-08	1.333333Y	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	399913.4	3781050	3.52E-08	1.333333Y	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	400195.2	3781050	4.42E-08	1.333333Y	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	400477	3781050	5.75E-08	1.333333Y	5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	400758.8	3781050	7.71E-08	1.333333Y	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	401040.6	3781050	1.05E-07	1.333333Y	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	401322.4	3781050	1.46E-07	1.333333Y	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	401604.2	3781050	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	401886	3781050	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	402167.8	3781050	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	402449.6	3781050	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

182	ALL	402731.4	3781050	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	403013.2	3781050	6.71E-07	1.333333Y	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	403295	3781050	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	403576.8	3781050	7.17E-08	1.333333Y	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	403858.6	3781050	5.27E-08	1.333333Y	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	404140.4	3781050	4.11E-08	1.333333Y	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	404422.2	3781050	3.36E-08	1.333333Y	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	404704	3781050	2.89E-08	1.333333Y	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	399068	3781314	2.28E-08	1.333333Y	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	399349.8	3781314	2.62E-08	1.333333Y	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	399631.6	3781314	3.11E-08	1.333333Y	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	399913.4	3781314	3.86E-08	1.333333Y	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	400195.2	3781314	5.07E-08	1.333333Y	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	400477	3781314	6.46E-08	1.333333Y	6.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	400758.8	3781314	9.06E-08	1.333333Y	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	401040.6	3781314	1.35E-07	1.333333Y	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	401322.4	3781314	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	401604.2	3781314	3.68E-07	1.333333Y	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	401886	3781314	5.21E-07	1.333333Y	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	402167.8	3781314	4.34E-07	1.333333Y	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	402449.6	3781314	2.82E-07	1.333333Y	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	402731.4	3781314	2.11E-07	1.333333Y	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	403013.2	3781314	9.92E-07	1.333333Y	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	403295	3781314	1.21E-07	1.333333Y	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	403576.8	3781314	7.55E-08	1.333333Y	7.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	403858.6	3781314	5.49E-08	1.333333Y	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	404140.4	3781314	4.24E-08	1.333333Y	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	404422.2	3781314	3.56E-08	1.333333Y	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	404704	3781314	3.04E-08	1.333333Y	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	399068	3781578	2.30E-08	1.333333Y	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	399349.8	3781578	2.66E-08	1.333333Y	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	399631.6	3781578	3.25E-08	1.333333Y	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	399913.4	3781578	4.17E-08	1.333333Y	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	400195.2	3781578	5.36E-08	1.333333Y	5.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	400477	3781578	7.10E-08	1.333333Y	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	400758.8	3781578	1.00E-07	1.333333Y	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	401040.6	3781578	1.58E-07	1.333333Y	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	401322.4	3781578	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	401604.2	3781578	7.78E-07	1.333333Y	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	401886	3781578	3.51E-06	1.333333Y	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	402167.8	3781578	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	402449.6	3781578	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	402731.4	3781578	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	403013.2	3781578	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	403295	3781578	1.23E-07	1.333333Y	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	403576.8	3781578	7.82E-08	1.333333Y	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	403858.6	3781578	6.03E-08	1.333333Y	6.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	404140.4	3781578	4.49E-08	1.333333Y	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	404422.2	3781578	3.85E-08	1.333333Y	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	404704	3781578	3.21E-08	1.333333Y	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	399068	3781841	2.30E-08	1.333333Y	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	399349.8	3781841	2.72E-08	1.333333Y	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	399631.6	3781841	3.44E-08	1.333333Y	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	399913.4	3781841	4.22E-08	1.333333Y	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	400195.2	3781841	5.42E-08	1.333333Y	5.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	400477	3781841	7.08E-08	1.333333Y	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	400758.8	3781841	1.02E-07	1.333333Y	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	401040.6	3781841	1.29E-07	1.333333Y	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	401322.4	3781841	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	401604.2	3781841	7.06E-07	1.333333Y	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	402167.8	3781841	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	402449.6	3781841	5.55E-07	1.333333Y	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	402731.4	3781841	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	403013.2	3781841	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	403295	3781841	1.40E-07	1.333333Y	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	403576.8	3781841	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	403858.6	3781841	5.73E-08	1.333333Y	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	404140.4	3781841	4.71E-08	1.333333Y	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	404422.2	3781841	4.86E-08	1.333333Y	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	404704	3781841	3.59E-08	1.333333Y	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	399068	3782105	2.29E-08	1.333333Y	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	399349.8	3782105	2.76E-08	1.333333Y	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	399631.6	3782105	3.36E-08	1.333333Y	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	399913.4	3782105	3.87E-08	1.333333Y	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	400195.2	3782105	4.29E-08	1.333333Y	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	400477	3782105	4.88E-08	1.333333Y	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	400758.8	3782105	8.49E-08	1.333333Y	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	401040.6	3782105	7.76E-08	1.333333Y	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	401322.4	3782105	9.33E-08	1.333333Y	9.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	401604.2	3782105	1.45E-07	1.333333Y	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	401886	3782105	1.65E-07	1.333333Y	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	402167.8	3782105	2.86E-07	1.333333Y	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	402449.6	3782105	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	402731.4	3782105	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	403013.2	3782105	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	403295	3782105	1.23E-07	1.333333Y	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	403576.8	3782105	9.40E-08	1.333333Y	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	403858.6	3782105	5.54E-08	1.333333Y	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	404140.4	3782105	5.95E-08	1.333333Y	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	404422.2	3782105	4.87E-08	1.333333Y	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	404704	3782105	4.53E-08	1.333333Y	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

273	ALL	399068	3782368	2.26E-08	1.333333Y	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	399349.8	3782368	2.70E-08	1.333333Y	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	399631.6	3782368	2.86E-08	1.333333Y	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	399913.4	3782368	2.76E-08	1.333333Y	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	400195.2	3782368	3.15E-08	1.333333Y	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	400477	3782368	2.95E-08	1.333333Y	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	400758.8	3782368	3.84E-08	1.333333Y	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	401040.6	3782368	3.36E-08	1.333333Y	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	401322.4	3782368	4.37E-08	1.333333Y	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	401604.2	3782368	4.65E-08	1.333333Y	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	401886	3782368	5.22E-08	1.333333Y	5.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	402167.8	3782368	6.47E-08	1.333333Y	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	402449.6	3782368	6.11E-08	1.333333Y	6.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	402731.4	3782368	6.91E-08	1.333333Y	6.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	403013.2	3782368	7.80E-08	1.333333Y	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	403295	3782368	8.19E-08	1.333333Y	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	403576.8	3782368	7.86E-08	1.333333Y	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	403858.6	3782368	7.16E-08	1.333333Y	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	404140.4	3782368	6.02E-08	1.333333Y	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	404422.2	3782368	5.15E-08	1.333333Y	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	404704	3782368	4.32E-08	1.333333Y	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	399068	3782632	2.21E-08	1.333333Y	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	399349.8	3782632	1.81E-08	1.333333Y	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	399631.6	3782632	2.64E-08	1.333333Y	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	399913.4	3782632	1.64E-08	1.333333Y	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	400195.2	3782632	1.85E-08	1.333333Y	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	400477	3782632	1.88E-08	1.333333Y	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	400758.8	3782632	2.07E-08	1.333333Y	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	401040.6	3782632	2.06E-08	1.333333Y	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	401322.4	3782632	2.26E-08	1.333333Y	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	401604.2	3782632	2.73E-08	1.333333Y	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	401886	3782632	2.92E-08	1.333333Y	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	402167.8	3782632	3.07E-08	1.333333Y	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	402449.6	3782632	3.13E-08	1.333333Y	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	402731.4	3782632	3.24E-08	1.333333Y	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	403013.2	3782632	3.62E-08	1.333333Y	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	403295	3782632	4.08E-08	1.333333Y	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	403576.8	3782632	4.49E-08	1.333333Y	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	403858.6	3782632	4.72E-08	1.333333Y	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	404140.4	3782632	4.68E-08	1.333333Y	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	404422.2	3782632	4.47E-08	1.333333Y	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	404704	3782632	4.16E-08	1.333333Y	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	399068	3782895	2.13E-08	1.333333Y	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	399349.8	3782895	2.34E-08	1.333333Y	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	399631.6	3782895	1.13E-08	1.333333Y	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	399913.4	3782895	1.63E-08	1.333333Y	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	400195.2	3782895	1.27E-08	1.333333Y	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	400477	3782895	1.41E-08	1.333333Y	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	400758.8	3782895	1.36E-08	1.333333Y	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	401040.6	3782895	1.49E-08	1.333333Y	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	401322.4	3782895	1.59E-08	1.333333Y	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	401604.2	3782895	1.84E-08	1.333333Y	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	401886	3782895	1.82E-08	1.333333Y	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	402167.8	3782895	1.85E-08	1.333333Y	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	402449.6	3782895	2.01E-08	1.333333Y	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	402731.4	3782895	2.07E-08	1.333333Y	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	403013.2	3782895	2.10E-08	1.333333Y	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	403295	3782895	2.33E-08	1.333333Y	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	403576.8	3782895	2.63E-08	1.333333Y	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	403858.6	3782895	2.80E-08	1.333333Y	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	404140.4	3782895	2.96E-08	1.333333Y	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	404422.2	3782895	3.07E-08	1.333333Y	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	404704	3782895	3.12E-08	1.333333Y	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	399068	3783159	1.85E-08	1.333333Y	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	399349.8	3783159	1.23E-08	1.333333Y	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	399631.6	3783159	8.15E-09	1.333333Y	8.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	399913.4	3783159	9.56E-09	1.333333Y	9.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	400195.2	3783159	9.80E-09	1.333333Y	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	400477	3783159	1.01E-08	1.333333Y	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	400758.8	3783159	1.11E-08	1.333333Y	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	401040.6	3783159	1.09E-08	1.333333Y	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	401322.4	3783159	1.21E-08	1.333333Y	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	401604.2	3783159	1.35E-08	1.333333Y	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	401886	3783159	1.31E-08	1.333333Y	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	402167.8	3783159	1.30E-08	1.333333Y	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	402449.6	3783159	1.41E-08	1.333333Y	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	402731.4	3783159	1.45E-08	1.333333Y	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	403013.2	3783159	1.31E-08	1.333333Y	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	403295	3783159	1.54E-08	1.333333Y	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	403576.8	3783159	1.69E-08	1.333333Y	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	403858.6	3783159	1.83E-08	1.333333Y	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	404140.4	3783159	1.93E-08	1.333333Y	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	404422.2	3783159	2.03E-08	1.333333Y	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	404704	3783159	2.12E-08	1.333333Y	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	399068	3783422	9.03E-09	1.333333Y	9.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	399349.8	3783422	6.82E-09	1.333333Y	6.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	399631.6	3783422	7.23E-09	1.333333Y	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	399913.4	3783422	7.44E-09	1.333333Y	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	400195.2	3783422	7.55E-09	1.333333Y	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	400477	3783422	8.12E-09	1.333333Y	8.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	400758.8	3783422	8.28E-09	1.333333Y	8.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

364	ALL	401040.6	3783422	8.81E-09	1.333333Y	8.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	401322.4	3783422	9.41E-09	1.333333Y	9.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	401604.2	3783422	1.04E-08	1.333333Y	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	401886	3783422	1.01E-08	1.333333Y	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	402167.8	3783422	9.92E-09	1.333333Y	9.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	402449.6	3783422	1.04E-08	1.333333Y	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	402731.4	3783422	1.11E-08	1.333333Y	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	403013.2	3783422	9.56E-09	1.333333Y	9.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	403295	3783422	1.15E-08	1.333333Y	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	403576.8	3783422	1.21E-08	1.333333Y	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	403858.6	3783422	1.28E-08	1.333333Y	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	404140.4	3783422	1.37E-08	1.333333Y	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	404422.2	3783422	1.40E-08	1.333333Y	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	404704	3783422	1.37E-08	1.333333Y	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	399068	3783686	5.49E-09	1.333333Y	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	399349.8	3783686	5.70E-09	1.333333Y	5.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	399631.6	3783686	5.73E-09	1.333333Y	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	399913.4	3783686	5.99E-09	1.333333Y	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	400195.2	3783686	6.39E-09	1.333333Y	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	400477	3783686	6.49E-09	1.333333Y	6.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	400758.8	3783686	6.71E-09	1.333333Y	6.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	401040.6	3783686	7.48E-09	1.333333Y	7.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	401322.4	3783686	7.59E-09	1.333333Y	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	401604.2	3783686	8.10E-09	1.333333Y	8.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	401886	3783686	6.94E-09	1.333333Y	6.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	402167.8	3783686	6.63E-09	1.333333Y	6.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	402449.6	3783686	6.98E-09	1.333333Y	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	402731.4	3783686	6.43E-09	1.333333Y	6.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	403013.2	3783686	5.20E-09	1.333333Y	5.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	403295	3783686	8.82E-09	1.333333Y	8.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	403576.8	3783686	9.26E-09	1.333333Y	9.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	403858.6	3783686	9.61E-09	1.333333Y	9.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	404140.4	3783686	1.00E-08	1.333333Y	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	404422.2	3783686	1.06E-08	1.333333Y	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	404704	3783686	8.79E-09	1.333333Y	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	399068	3783950	4.74E-09	1.333333Y	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	399349.8	3783950	4.72E-09	1.333333Y	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	399631.6	3783950	4.95E-09	1.333333Y	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	399913.4	3783950	5.25E-09	1.333333Y	5.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	400195.2	3783950	5.26E-09	1.333333Y	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	400477	3783950	5.31E-09	1.333333Y	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	400758.8	3783950	5.67E-09	1.333333Y	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	401040.6	3783950	6.35E-09	1.333333Y	6.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	401322.4	3783950	6.46E-09	1.333333Y	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	401604.2	3783950	6.36E-09	1.333333Y	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	401886	3783950	3.62E-09	1.333333Y	3.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	402167.8	3783950	3.12E-09	1.333333Y	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	402449.6	3783950	4.03E-09	1.333333Y	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	402731.4	3783950	3.33E-09	1.333333Y	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	403013.2	3783950	6.56E-09	1.333333Y	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	403295	3783950	7.51E-09	1.333333Y	7.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	403576.8	3783950	7.61E-09	1.333333Y	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	403858.6	3783950	7.67E-09	1.333333Y	7.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	404140.4	3783950	7.78E-09	1.333333Y	7.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	404422.2	3783950	6.51E-09	1.333333Y	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	404704	3783950	5.99E-09	1.333333Y	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	399068	3784213	3.99E-09	1.333333Y	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	399349.8	3784213	4.16E-09	1.333333Y	4.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	399631.6	3784213	4.44E-09	1.333333Y	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	399913.4	3784213	4.51E-09	1.333333Y	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	400195.2	3784213	3.81E-09	1.333333Y	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	400477	3784213	3.45E-09	1.333333Y	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	400758.8	3784213	3.29E-09	1.333333Y	3.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	401040.6	3784213	5.23E-09	1.333333Y	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	401322.4	3784213	5.60E-09	1.333333Y	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	401604.2	3784213	5.80E-09	1.333333Y	5.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	401886	3784213	2.59E-09	1.333333Y	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	402167.8	3784213	1.46E-09	1.333333Y	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	402449.6	3784213	2.19E-09	1.333333Y	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	402731.4	3784213	4.86E-09	1.333333Y	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	403013.2	3784213	5.97E-09	1.333333Y	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	403295	3784213	6.48E-09	1.333333Y	6.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	403576.8	3784213	6.36E-09	1.333333Y	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	403858.6	3784213	5.56E-09	1.333333Y	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	404140.4	3784213	4.42E-09	1.333333Y	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	404422.2	3784213	3.38E-09	1.333333Y	3.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	404704	3784213	4.83E-09	1.333333Y	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	401308.9	3781009	1.36E-07	1.333333Y	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	401328.9	3781009	1.39E-07	1.333333Y	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	401348.9	3781009	1.42E-07	1.333333Y	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	401368.9	3781009	1.45E-07	1.333333Y	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	401388.9	3781009	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	401408.9	3781009	1.51E-07	1.333333Y	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	401428.9	3781009	1.54E-07	1.333333Y	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	401448.9	3781009	1.57E-07	1.333333Y	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	401468.9	3781009	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	401488.9	3781009	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	401508.9	3781009	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	401528.9	3781009	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	401548.9	3781009	1.73E-07	1.333333Y	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	401568.9	3781009	1.76E-07	1.333333Y	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

455	ALL	401588.9	3781009	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	401608.9	3781009	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	401628.9	3781009	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	401648.9	3781009	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	401668.9	3781009	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	401688.9	3781009	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	401708.9	3781009	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	401728.9	3781009	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	401748.9	3781009	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	401768.9	3781009	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	401788.9	3781009	2.02E-07	1.333333Y	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	401808.9	3781009	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	401828.9	3781009	2.04E-07	1.333333Y	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	401848.9	3781009	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	401868.9	3781009	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	401888.9	3781009	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	401908.9	3781009	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	401928.9	3781009	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	401948.9	3781009	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	401968.9	3781009	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	401988.9	3781009	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	402008.9	3781009	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	402028.9	3781009	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	402048.9	3781009	2.04E-07	1.333333Y	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	402068.9	3781009	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	402088.9	3781009	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	402108.9	3781009	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	402128.9	3781009	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	402148.9	3781009	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	402168.9	3781009	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	402188.9	3781009	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	402208.9	3781009	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	402228.9	3781009	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	402248.9	3781009	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	402268.9	3781009	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	402288.9	3781009	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	402308.9	3781009	1.81E-07	1.333333Y	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	402328.9	3781009	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	402348.9	3781009	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	402368.9	3781009	1.74E-07	1.333333Y	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	402388.9	3781009	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	402408.9	3781009	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	402428.9	3781009	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	402448.9	3781009	1.66E-07	1.333333Y	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	402468.9	3781009	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	402488.9	3781009	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	402508.9	3781009	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	401308.9	3781029	1.40E-07	1.333333Y	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	401328.9	3781029	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	401348.9	3781029	1.46E-07	1.333333Y	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	401368.9	3781029	1.49E-07	1.333333Y	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	401388.9	3781029	1.52E-07	1.333333Y	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	401408.9	3781029	1.56E-07	1.333333Y	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	401428.9	3781029	1.59E-07	1.333333Y	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	401448.9	3781029	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	401468.9	3781029	1.66E-07	1.333333Y	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	401488.9	3781029	1.69E-07	1.333333Y	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	401508.9	3781029	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	401528.9	3781029	1.76E-07	1.333333Y	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	401548.9	3781029	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	401568.9	3781029	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	401588.9	3781029	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	401608.9	3781029	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	401628.9	3781029	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	401648.9	3781029	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	401668.9	3781029	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	401688.9	3781029	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	401708.9	3781029	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	401728.9	3781029	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	401748.9	3781029	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	401768.9	3781029	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	401788.9	3781029	2.11E-07	1.333333Y	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	401808.9	3781029	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	401828.9	3781029	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	401848.9	3781029	2.15E-07	1.333333Y	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	401868.9	3781029	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	401888.9	3781029	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	401908.9	3781029	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	401928.9	3781029	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	401948.9	3781029	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	401968.9	3781029	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	401988.9	3781029	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	402008.9	3781029	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	402028.9	3781029	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	402048.9	3781029	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	402068.9	3781029	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	402088.9	3781029	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	402108.9	3781029	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	402128.9	3781029	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	402148.9	3781029	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	402168.9	3781029	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

546	ALL	402188.9	3781029	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	402208.9	3781029	1.99E-07	1.333333Y	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	402228.9	3781029	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	402248.9	3781029	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	402268.9	3781029	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	402288.9	3781029	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	402308.9	3781029	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	402328.9	3781029	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	402348.9	3781029	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	402368.9	3781029	1.80E-07	1.333333Y	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	402388.9	3781029	1.78E-07	1.333333Y	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	402408.9	3781029	1.76E-07	1.333333Y	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	402428.9	3781029	1.74E-07	1.333333Y	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	402448.9	3781029	1.71E-07	1.333333Y	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	402468.9	3781029	1.69E-07	1.333333Y	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	402488.9	3781029	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	402508.9	3781029	1.65E-07	1.333333Y	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	401308.9	3781049	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	401328.9	3781049	1.47E-07	1.333333Y	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	401348.9	3781049	1.51E-07	1.333333Y	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	401368.9	3781049	1.54E-07	1.333333Y	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	401388.9	3781049	1.57E-07	1.333333Y	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	401408.9	3781049	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	401428.9	3781049	1.65E-07	1.333333Y	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	401448.9	3781049	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	401468.9	3781049	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	401488.9	3781049	1.75E-07	1.333333Y	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	401508.9	3781049	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	401528.9	3781049	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	401548.9	3781049	1.86E-07	1.333333Y	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	401568.9	3781049	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	401588.9	3781049	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	401608.9	3781049	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	401628.9	3781049	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	401648.9	3781049	2.04E-07	1.333333Y	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	401668.9	3781049	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	401688.9	3781049	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	401708.9	3781049	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	401728.9	3781049	2.15E-07	1.333333Y	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	401748.9	3781049	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	401768.9	3781049	2.19E-07	1.333333Y	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	401788.9	3781049	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	401808.9	3781049	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	401828.9	3781049	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	401848.9	3781049	2.26E-07	1.333333Y	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	401868.9	3781049	2.26E-07	1.333333Y	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	401888.9	3781049	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	401908.9	3781049	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	401928.9	3781049	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	401948.9	3781049	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	401968.9	3781049	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	401988.9	3781049	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	402008.9	3781049	2.26E-07	1.333333Y	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	402028.9	3781049	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	402048.9	3781049	2.23E-07	1.333333Y	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	402068.9	3781049	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	402088.9	3781049	2.20E-07	1.333333Y	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	402108.9	3781049	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	402128.9	3781049	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	402148.9	3781049	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	402168.9	3781049	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	402188.9	3781049	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	402208.9	3781049	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	402228.9	3781049	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	402248.9	3781049	2.02E-07	1.333333Y	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	402268.9	3781049	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	402288.9	3781049	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	402308.9	3781049	1.94E-07	1.333333Y	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	402328.9	3781049	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	402348.9	3781049	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	402368.9	3781049	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	402388.9	3781049	1.84E-07	1.333333Y	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	402408.9	3781049	1.81E-07	1.333333Y	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	402428.9	3781049	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	402448.9	3781049	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	402468.9	3781049	1.74E-07	1.333333Y	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	402488.9	3781049	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	402508.9	3781049	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	401308.9	3781069	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	401328.9	3781069	1.51E-07	1.333333Y	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	401348.9	3781069	1.55E-07	1.333333Y	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	401368.9	3781069	1.59E-07	1.333333Y	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	401388.9	3781069	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL	401408.9	3781069	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	401428.9	3781069	1.71E-07	1.333333Y	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	401448.9	3781069	1.74E-07	1.333333Y	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	401468.9	3781069	1.78E-07	1.333333Y	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	401488.9	3781069	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	401508.9	3781069	1.86E-07	1.333333Y	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	401528.9	3781069	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	401548.9	3781069	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

637	ALL	401568.9	3781069	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	401588.9	3781069	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	401608.9	3781069	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	401628.9	3781069	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	401648.9	3781069	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	401668.9	3781069	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	401688.9	3781069	2.19E-07	1.333333Y	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	401708.9	3781069	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	401728.9	3781069	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	401748.9	3781069	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	401768.9	3781069	2.29E-07	1.333333Y	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	401788.9	3781069	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	401808.9	3781069	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	401828.9	3781069	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	401848.9	3781069	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	401868.9	3781069	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	401888.9	3781069	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	401908.9	3781069	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	401928.9	3781069	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	401948.9	3781069	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	401968.9	3781069	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	401988.9	3781069	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	402008.9	3781069	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	402028.9	3781069	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	402048.9	3781069	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	402068.9	3781069	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	402088.9	3781069	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	402108.9	3781069	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	402128.9	3781069	2.26E-07	1.333333Y	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	402148.9	3781069	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	402168.9	3781069	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	402188.9	3781069	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	402208.9	3781069	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	402228.9	3781069	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	402248.9	3781069	2.11E-07	1.333333Y	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	402268.9	3781069	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	402288.9	3781069	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	402308.9	3781069	2.02E-07	1.333333Y	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	402328.9	3781069	1.99E-07	1.333333Y	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	402348.9	3781069	1.96E-07	1.333333Y	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	402368.9	3781069	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	402388.9	3781069	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	402408.9	3781069	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	402428.9	3781069	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	402448.9	3781069	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	402468.9	3781069	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	402488.9	3781069	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	402508.9	3781069	1.75E-07	1.333333Y	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	401308.9	3781089	1.53E-07	1.333333Y	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	401328.9	3781089	1.56E-07	1.333333Y	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	401348.9	3781089	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	401368.9	3781089	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	401388.9	3781089	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	401408.9	3781089	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	401428.9	3781089	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	401448.9	3781089	1.80E-07	1.333333Y	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	401468.9	3781089	1.84E-07	1.333333Y	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	401488.9	3781089	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	401508.9	3781089	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	401528.9	3781089	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	401548.9	3781089	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	401568.9	3781089	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	401588.9	3781089	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	401608.9	3781089	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	401628.9	3781089	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	401648.9	3781089	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	401668.9	3781089	2.26E-07	1.333333Y	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	401688.9	3781089	2.30E-07	1.333333Y	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	401708.9	3781089	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	401728.9	3781089	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	401748.9	3781089	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	401768.9	3781089	2.41E-07	1.333333Y	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	401788.9	3781089	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	401808.9	3781089	2.45E-07	1.333333Y	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	401828.9	3781089	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	401848.9	3781089	2.49E-07	1.333333Y	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	401868.9	3781089	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	401888.9	3781089	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	401908.9	3781089	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	401928.9	3781089	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	401948.9	3781089	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	401968.9	3781089	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	ALL	401988.9	3781089	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	402008.9	3781089	2.49E-07	1.333333Y	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	402028.9	3781089	2.47E-07	1.333333Y	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	402048.9	3781089	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	402068.9	3781089	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	402088.9	3781089	2.42E-07	1.333333Y	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	402108.9	3781089	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	402128.9	3781089	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	402148.9	3781089	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

728	ALL	402168.9	3781089	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	402188.9	3781089	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	402208.9	3781089	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	402228.9	3781089	2.23E-07	1.333333Y	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	402248.9	3781089	2.20E-07	1.333333Y	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	402268.9	3781089	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	402288.9	3781089	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	402308.9	3781089	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	402328.9	3781089	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	402348.9	3781089	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	402368.9	3781089	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	402388.9	3781089	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	402408.9	3781089	1.94E-07	1.333333Y	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	402428.9	3781089	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	402448.9	3781089	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	402468.9	3781089	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	402488.9	3781089	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	402508.9	3781089	1.80E-07	1.333333Y	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	401308.9	3781109	1.57E-07	1.333333Y	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	401328.9	3781109	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	401348.9	3781109	1.65E-07	1.333333Y	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	401368.9	3781109	1.69E-07	1.333333Y	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	401388.9	3781109	1.74E-07	1.333333Y	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	401408.9	3781109	1.78E-07	1.333333Y	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	401428.9	3781109	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	401448.9	3781109	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	401468.9	3781109	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	401488.9	3781109	1.96E-07	1.333333Y	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	401508.9	3781109	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	401528.9	3781109	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	401548.9	3781109	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	401568.9	3781109	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	401588.9	3781109	2.19E-07	1.333333Y	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	401608.9	3781109	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	401628.9	3781109	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	401648.9	3781109	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	401668.9	3781109	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	401688.9	3781109	2.41E-07	1.333333Y	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	401708.9	3781109	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	401728.9	3781109	2.47E-07	1.333333Y	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	401748.9	3781109	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	401768.9	3781109	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	401788.9	3781109	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	401808.9	3781109	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	401828.9	3781109	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	401848.9	3781109	2.63E-07	1.333333Y	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	401868.9	3781109	2.64E-07	1.333333Y	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	401888.9	3781109	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	401908.9	3781109	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	401928.9	3781109	2.66E-07	1.333333Y	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	401948.9	3781109	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	401968.9	3781109	2.64E-07	1.333333Y	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	401988.9	3781109	2.63E-07	1.333333Y	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	402008.9	3781109	2.62E-07	1.333333Y	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	402028.9	3781109	2.60E-07	1.333333Y	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	402048.9	3781109	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	402068.9	3781109	2.57E-07	1.333333Y	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	402088.9	3781109	2.54E-07	1.333333Y	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	402108.9	3781109	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	402128.9	3781109	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	402148.9	3781109	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	402168.9	3781109	2.42E-07	1.333333Y	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	402188.9	3781109	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL	402208.9	3781109	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	402228.9	3781109	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	402248.9	3781109	2.29E-07	1.333333Y	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	402268.9	3781109	2.26E-07	1.333333Y	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	402288.9	3781109	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	402308.9	3781109	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	402328.9	3781109	2.15E-07	1.333333Y	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	402348.9	3781109	2.11E-07	1.333333Y	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	402368.9	3781109	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	402388.9	3781109	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	402408.9	3781109	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	402428.9	3781109	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	402448.9	3781109	1.94E-07	1.333333Y	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	402468.9	3781109	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	402488.9	3781109	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	402508.9	3781109	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	401308.9	3781129	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL	401328.9	3781129	1.66E-07	1.333333Y	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	ALL	401348.9	3781129	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	401368.9	3781129	1.75E-07	1.333333Y	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	401388.9	3781129	1.80E-07	1.333333Y	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	401408.9	3781129	1.84E-07	1.333333Y	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	401428.9	3781129	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	401448.9	3781129	1.94E-07	1.333333Y	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL	401468.9	3781129	1.99E-07	1.333333Y	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	401488.9	3781129	2.04E-07	1.333333Y	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	401508.9	3781129	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	401528.9	3781129	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

819	ALL	401548.9	3781129	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	401568.9	3781129	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	401588.9	3781129	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	401608.9	3781129	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	401628.9	3781129	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	401648.9	3781129	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	401668.9	3781129	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	401688.9	3781129	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	401708.9	3781129	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	401728.9	3781129	2.60E-07	1.333333Y	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	401748.9	3781129	2.64E-07	1.333333Y	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	401768.9	3781129	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	401788.9	3781129	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	401808.9	3781129	2.73E-07	1.333333Y	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	401828.9	3781129	2.75E-07	1.333333Y	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	401848.9	3781129	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	401868.9	3781129	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	401888.9	3781129	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	401908.9	3781129	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	401928.9	3781129	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	401948.9	3781129	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	401968.9	3781129	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	401988.9	3781129	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	402008.9	3781129	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	402028.9	3781129	2.74E-07	1.333333Y	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	402048.9	3781129	2.72E-07	1.333333Y	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	402068.9	3781129	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	402088.9	3781129	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	402108.9	3781129	2.64E-07	1.333333Y	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	402128.9	3781129	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	402148.9	3781129	2.57E-07	1.333333Y	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	402168.9	3781129	2.54E-07	1.333333Y	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	402188.9	3781129	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	402208.9	3781129	2.47E-07	1.333333Y	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	402228.9	3781129	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	402248.9	3781129	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	402268.9	3781129	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	402288.9	3781129	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	402308.9	3781129	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	402328.9	3781129	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	402348.9	3781129	2.20E-07	1.333333Y	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	402368.9	3781129	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	402388.9	3781129	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	402408.9	3781129	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	402428.9	3781129	2.04E-07	1.333333Y	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	402448.9	3781129	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	402468.9	3781129	1.97E-07	1.333333Y	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	402488.9	3781129	1.94E-07	1.333333Y	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	402508.9	3781129	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	401308.9	3781149	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	401328.9	3781149	1.71E-07	1.333333Y	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	401348.9	3781149	1.76E-07	1.333333Y	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	401368.9	3781149	1.80E-07	1.333333Y	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	401388.9	3781149	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	401408.9	3781149	1.91E-07	1.333333Y	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	401428.9	3781149	1.96E-07	1.333333Y	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	401448.9	3781149	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	401468.9	3781149	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	401488.9	3781149	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	401508.9	3781149	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL	401528.9	3781149	2.23E-07	1.333333Y	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	401548.9	3781149	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	401568.9	3781149	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	401588.9	3781149	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL	401608.9	3781149	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL	401628.9	3781149	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	ALL	401648.9	3781149	2.55E-07	1.333333Y	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	ALL	401668.9	3781149	2.60E-07	1.333333Y	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	ALL	401688.9	3781149	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	ALL	401708.9	3781149	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	ALL	401728.9	3781149	2.74E-07	1.333333Y	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	ALL	401748.9	3781149	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	ALL	401768.9	3781149	2.82E-07	1.333333Y	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	ALL	401788.9	3781149	2.85E-07	1.333333Y	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	ALL	401808.9	3781149	2.88E-07	1.333333Y	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	ALL	401828.9	3781149	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	ALL	401848.9	3781149	2.93E-07	1.333333Y	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	ALL	401868.9	3781149	2.95E-07	1.333333Y	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	ALL	401888.9	3781149	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	ALL	401908.9	3781149	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	ALL	401928.9	3781149	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	ALL	401948.9	3781149	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	ALL	401968.9	3781149	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	ALL	401988.9	3781149	2.93E-07	1.333333Y	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	ALL	402008.9	3781149	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	ALL	402028.9	3781149	2.90E-07	1.333333Y	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	ALL	402048.9	3781149	2.87E-07	1.333333Y	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	ALL	402068.9	3781149	2.85E-07	1.333333Y	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	ALL	402088.9	3781149	2.82E-07	1.333333Y	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	ALL	402108.9	3781149	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	ALL	402128.9	3781149	2.75E-07	1.333333Y	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

910	ALL	402148.9	3781149	2.71E-07	1.333333Y	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	ALL	402168.9	3781149	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	ALL	402188.9	3781149	2.63E-07	1.333333Y	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	ALL	402208.9	3781149	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	ALL	402228.9	3781149	2.54E-07	1.333333Y	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	ALL	402248.9	3781149	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	ALL	402268.9	3781149	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	ALL	402288.9	3781149	2.41E-07	1.333333Y	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	ALL	402308.9	3781149	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	ALL	402328.9	3781149	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	ALL	402348.9	3781149	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	ALL	402368.9	3781149	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	ALL	402388.9	3781149	2.19E-07	1.333333Y	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	ALL	402408.9	3781149	2.15E-07	1.333333Y	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	ALL	402428.9	3781149	2.11E-07	1.333333Y	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	ALL	402448.9	3781149	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	ALL	402468.9	3781149	2.04E-07	1.333333Y	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	ALL	402488.9	3781149	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	ALL	402508.9	3781149	1.96E-07	1.333333Y	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	ALL	401308.9	3781169	1.71E-07	1.333333Y	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	ALL	401328.9	3781169	1.76E-07	1.333333Y	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	ALL	401348.9	3781169	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	ALL	401368.9	3781169	1.86E-07	1.333333Y	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	ALL	401388.9	3781169	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	ALL	401408.9	3781169	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	ALL	401428.9	3781169	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	ALL	401448.9	3781169	2.08E-07	1.333333Y	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	ALL	401468.9	3781169	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	ALL	401488.9	3781169	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	ALL	401508.9	3781169	2.26E-07	1.333333Y	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	ALL	401528.9	3781169	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	ALL	401548.9	3781169	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	ALL	401568.9	3781169	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	ALL	401588.9	3781169	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	ALL	401608.9	3781169	2.57E-07	1.333333Y	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	ALL	401628.9	3781169	2.62E-07	1.333333Y	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	ALL	401648.9	3781169	2.69E-07	1.333333Y	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	ALL	401668.9	3781169	2.74E-07	1.333333Y	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	ALL	401688.9	3781169	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	ALL	401708.9	3781169	2.84E-07	1.333333Y	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	ALL	401728.9	3781169	2.89E-07	1.333333Y	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	ALL	401748.9	3781169	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	ALL	401768.9	3781169	2.98E-07	1.333333Y	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	ALL	401788.9	3781169	3.02E-07	1.333333Y	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	ALL	401808.9	3781169	3.06E-07	1.333333Y	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	ALL	401828.9	3781169	3.09E-07	1.333333Y	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	ALL	401848.9	3781169	3.12E-07	1.333333Y	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	ALL	401868.9	3781169	3.12E-07	1.333333Y	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	ALL	401888.9	3781169	3.14E-07	1.333333Y	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	ALL	401908.9	3781169	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	ALL	401928.9	3781169	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	ALL	401948.9	3781169	3.14E-07	1.333333Y	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	ALL	401968.9	3781169	3.13E-07	1.333333Y	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	ALL	401988.9	3781169	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	ALL	402008.9	3781169	3.09E-07	1.333333Y	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	ALL	402028.9	3781169	3.07E-07	1.333333Y	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	ALL	402048.9	3781169	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	ALL	402068.9	3781169	3.01E-07	1.333333Y	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	ALL	402088.9	3781169	2.98E-07	1.333333Y	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	ALL	402108.9	3781169	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	ALL	402128.9	3781169	2.90E-07	1.333333Y	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	ALL	402148.9	3781169	2.85E-07	1.333333Y	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	ALL	402168.9	3781169	2.81E-07	1.333333Y	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	ALL	402188.9	3781169	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	ALL	402208.9	3781169	2.72E-07	1.333333Y	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	ALL	402228.9	3781169	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	ALL	402248.9	3781169	2.62E-07	1.333333Y	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	ALL	402268.9	3781169	2.57E-07	1.333333Y	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	ALL	402288.9	3781169	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	ALL	402308.9	3781169	2.47E-07	1.333333Y	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	ALL	402328.9	3781169	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	ALL	402348.9	3781169	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	ALL	402368.9	3781169	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	ALL	402388.9	3781169	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	ALL	402408.9	3781169	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	ALL	402428.9	3781169	2.19E-07	1.333333Y	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	ALL	402448.9	3781169	2.15E-07	1.333333Y	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	ALL	402468.9	3781169	2.11E-07	1.333333Y	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	ALL	402488.9	3781169	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	ALL	402508.9	3781169	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	ALL	401308.9	3781189	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	ALL	401328.9	3781189	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	ALL	401348.9	3781189	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	ALL	401368.9	3781189	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	ALL	401388.9	3781189	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	ALL	401408.9	3781189	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	ALL	401428.9	3781189	2.11E-07	1.333333Y	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	ALL	401448.9	3781189	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	ALL	401468.9	3781189	2.23E-07	1.333333Y	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	ALL	401488.9	3781189	2.30E-07	1.333333Y	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	ALL	401508.9	3781189	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1001	ALL	401528.9	3781189	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	ALL	401548.9	3781189	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	ALL	401568.9	3781189	2.55E-07	1.333333Y	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	ALL	401588.9	3781189	2.62E-07	1.333333Y	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	ALL	401608.9	3781189	2.69E-07	1.333333Y	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	ALL	401628.9	3781189	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	ALL	401648.9	3781189	2.82E-07	1.333333Y	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	ALL	401668.9	3781189	2.88E-07	1.333333Y	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	ALL	401688.9	3781189	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	ALL	401708.9	3781189	3.00E-07	1.333333Y	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	ALL	401728.9	3781189	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	ALL	401748.9	3781189	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	ALL	401768.9	3781189	3.16E-07	1.333333Y	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	ALL	401788.9	3781189	3.20E-07	1.333333Y	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	ALL	401808.9	3781189	3.24E-07	1.333333Y	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	ALL	401828.9	3781189	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	ALL	401848.9	3781189	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	ALL	401868.9	3781189	3.32E-07	1.333333Y	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	ALL	401888.9	3781189	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	ALL	401908.9	3781189	3.35E-07	1.333333Y	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	ALL	401928.9	3781189	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	ALL	401948.9	3781189	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	ALL	401968.9	3781189	3.32E-07	1.333333Y	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	ALL	401988.9	3781189	3.30E-07	1.333333Y	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	ALL	402008.9	3781189	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	ALL	402028.9	3781189	3.25E-07	1.333333Y	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	ALL	402048.9	3781189	3.23E-07	1.333333Y	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	ALL	402068.9	3781189	3.20E-07	1.333333Y	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	ALL	402088.9	3781189	3.16E-07	1.333333Y	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	ALL	402108.9	3781189	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	ALL	402128.9	3781189	3.06E-07	1.333333Y	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	ALL	402148.9	3781189	3.01E-07	1.333333Y	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	ALL	402168.9	3781189	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	ALL	402188.9	3781189	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	ALL	402208.9	3781189	2.86E-07	1.333333Y	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	ALL	402228.9	3781189	2.81E-07	1.333333Y	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	ALL	402248.9	3781189	2.75E-07	1.333333Y	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	ALL	402268.9	3781189	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	ALL	402288.9	3781189	2.64E-07	1.333333Y	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	ALL	402308.9	3781189	2.58E-07	1.333333Y	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	ALL	402328.9	3781189	2.54E-07	1.333333Y	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	ALL	402348.9	3781189	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	ALL	402368.9	3781189	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	ALL	402388.9	3781189	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	ALL	402408.9	3781189	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	ALL	402428.9	3781189	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	ALL	402448.9	3781189	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	ALL	402468.9	3781189	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	ALL	402488.9	3781189	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	ALL	402508.9	3781189	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	ALL	401308.9	3781209	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	ALL	401328.9	3781209	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	ALL	401348.9	3781209	1.94E-07	1.333333Y	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	ALL	401368.9	3781209	1.99E-07	1.333333Y	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	ALL	401388.9	3781209	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	ALL	401408.9	3781209	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	ALL	401428.9	3781209	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	ALL	401448.9	3781209	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	ALL	401468.9	3781209	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	ALL	401488.9	3781209	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	ALL	401508.9	3781209	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	ALL	401528.9	3781209	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	ALL	401548.9	3781209	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	ALL	401568.9	3781209	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	ALL	401588.9	3781209	2.75E-07	1.333333Y	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	ALL	401608.9	3781209	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	ALL	401628.9	3781209	2.90E-07	1.333333Y	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	ALL	401648.9	3781209	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	ALL	401668.9	3781209	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	ALL	401688.9	3781209	3.10E-07	1.333333Y	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	ALL	401708.9	3781209	3.17E-07	1.333333Y	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	ALL	401728.9	3781209	3.23E-07	1.333333Y	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	ALL	401748.9	3781209	3.30E-07	1.333333Y	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	ALL	401768.9	3781209	3.35E-07	1.333333Y	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	ALL	401788.9	3781209	3.40E-07	1.333333Y	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	ALL	401808.9	3781209	3.45E-07	1.333333Y	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	ALL	401828.9	3781209	3.48E-07	1.333333Y	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	ALL	401848.9	3781209	3.52E-07	1.333333Y	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	ALL	401868.9	3781209	3.53E-07	1.333333Y	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	ALL	401888.9	3781209	3.55E-07	1.333333Y	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	ALL	401908.9	3781209	3.57E-07	1.333333Y	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	ALL	401928.9	3781209	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	ALL	401948.9	3781209	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	ALL	401968.9	3781209	3.54E-07	1.333333Y	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	ALL	401988.9	3781209	3.51E-07	1.333333Y	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	ALL	402008.9	3781209	3.48E-07	1.333333Y	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	ALL	402028.9	3781209	3.46E-07	1.333333Y	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	ALL	402048.9	3781209	3.44E-07	1.333333Y	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	ALL	402068.9	3781209	3.40E-07	1.333333Y	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	ALL	402088.9	3781209	3.35E-07	1.333333Y	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	ALL	402108.9	3781209	3.30E-07	1.333333Y	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1092	ALL	402128.9	3781209	3.24E-07	1.333333Y	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	ALL	402148.9	3781209	3.18E-07	1.333333Y	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	ALL	402168.9	3781209	3.13E-07	1.333333Y	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	ALL	402188.9	3781209	3.07E-07	1.333333Y	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	ALL	402208.9	3781209	3.01E-07	1.333333Y	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	ALL	402228.9	3781209	2.95E-07	1.333333Y	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	ALL	402248.9	3781209	2.89E-07	1.333333Y	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	ALL	402268.9	3781209	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	ALL	402288.9	3781209	2.77E-07	1.333333Y	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	ALL	402308.9	3781209	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	ALL	402328.9	3781209	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	ALL	402348.9	3781209	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	ALL	402368.9	3781209	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	ALL	402388.9	3781209	2.47E-07	1.333333Y	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	ALL	402408.9	3781209	2.42E-07	1.333333Y	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	ALL	402428.9	3781209	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	ALL	402448.9	3781209	2.30E-07	1.333333Y	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	ALL	402468.9	3781209	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	ALL	402488.9	3781209	2.20E-07	1.333333Y	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	ALL	402508.9	3781209	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	ALL	401308.9	3781229	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	ALL	401328.9	3781229	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	ALL	401348.9	3781229	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	ALL	401368.9	3781229	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	ALL	401388.9	3781229	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	ALL	401408.9	3781229	2.20E-07	1.333333Y	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	ALL	401428.9	3781229	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	ALL	401448.9	3781229	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	ALL	401468.9	3781229	2.41E-07	1.333333Y	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	ALL	401488.9	3781229	2.49E-07	1.333333Y	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	ALL	401508.9	3781229	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	ALL	401528.9	3781229	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	ALL	401548.9	3781229	2.71E-07	1.333333Y	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	ALL	401568.9	3781229	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	ALL	401588.9	3781229	2.88E-07	1.333333Y	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	ALL	401608.9	3781229	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	ALL	401628.9	3781229	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	ALL	401648.9	3781229	3.13E-07	1.333333Y	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	ALL	401668.9	3781229	3.21E-07	1.333333Y	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	ALL	401688.9	3781229	3.28E-07	1.333333Y	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	ALL	401708.9	3781229	3.36E-07	1.333333Y	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	ALL	401728.9	3781229	3.43E-07	1.333333Y	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	ALL	401748.9	3781229	3.50E-07	1.333333Y	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	ALL	401768.9	3781229	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	ALL	401788.9	3781229	3.62E-07	1.333333Y	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	ALL	401808.9	3781229	3.67E-07	1.333333Y	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	ALL	401828.9	3781229	3.72E-07	1.333333Y	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	ALL	401848.9	3781229	3.75E-07	1.333333Y	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	ALL	401868.9	3781229	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	ALL	401888.9	3781229	3.79E-07	1.333333Y	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	ALL	401908.9	3781229	3.81E-07	1.333333Y	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	ALL	401928.9	3781229	3.81E-07	1.333333Y	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	ALL	401948.9	3781229	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	ALL	401968.9	3781229	3.78E-07	1.333333Y	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	ALL	401988.9	3781229	3.74E-07	1.333333Y	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	ALL	402008.9	3781229	3.71E-07	1.333333Y	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	ALL	402028.9	3781229	3.69E-07	1.333333Y	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	ALL	402048.9	3781229	3.66E-07	1.333333Y	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	ALL	402068.9	3781229	3.62E-07	1.333333Y	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	ALL	402088.9	3781229	3.57E-07	1.333333Y	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	ALL	402108.9	3781229	3.51E-07	1.333333Y	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	ALL	402128.9	3781229	3.44E-07	1.333333Y	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	ALL	402148.9	3781229	3.38E-07	1.333333Y	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	ALL	402168.9	3781229	3.32E-07	1.333333Y	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	ALL	402188.9	3781229	3.25E-07	1.333333Y	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	ALL	402208.9	3781229	3.18E-07	1.333333Y	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	ALL	402228.9	3781229	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	ALL	402248.9	3781229	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	ALL	402268.9	3781229	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	ALL	402288.9	3781229	2.90E-07	1.333333Y	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	ALL	402308.9	3781229	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	ALL	402328.9	3781229	2.77E-07	1.333333Y	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	ALL	402348.9	3781229	2.71E-07	1.333333Y	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	ALL	402368.9	3781229	2.64E-07	1.333333Y	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	ALL	402388.9	3781229	2.57E-07	1.333333Y	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	ALL	402408.9	3781229	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	ALL	402428.9	3781229	2.45E-07	1.333333Y	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	ALL	402448.9	3781229	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	ALL	402468.9	3781229	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	ALL	402488.9	3781229	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	ALL	402508.9	3781229	2.23E-07	1.333333Y	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	ALL	401308.9	3781249	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	ALL	401328.9	3781249	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	ALL	401348.9	3781249	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	ALL	401368.9	3781249	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	ALL	401388.9	3781249	2.20E-07	1.333333Y	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	ALL	401408.9	3781249	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	ALL	401428.9	3781249	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	ALL	401448.9	3781249	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	ALL	401468.9	3781249	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	ALL	401488.9	3781249	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1183	ALL	401508.9	3781249	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	ALL	401528.9	3781249	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	ALL	401548.9	3781249	2.84E-07	1.333333Y	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	ALL	401568.9	3781249	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	ALL	401588.9	3781249	3.03E-07	1.333333Y	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	ALL	401608.9	3781249	3.13E-07	1.333333Y	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	ALL	401628.9	3781249	3.22E-07	1.333333Y	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	ALL	401648.9	3781249	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	ALL	401668.9	3781249	3.39E-07	1.333333Y	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	ALL	401688.9	3781249	3.48E-07	1.333333Y	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	ALL	401708.9	3781249	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	ALL	401728.9	3781249	3.65E-07	1.333333Y	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	ALL	401748.9	3781249	3.73E-07	1.333333Y	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	ALL	401768.9	3781249	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	ALL	401788.9	3781249	3.87E-07	1.333333Y	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	ALL	401808.9	3781249	3.93E-07	1.333333Y	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	ALL	401828.9	3781249	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	ALL	401848.9	3781249	4.02E-07	1.333333Y	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	ALL	401868.9	3781249	4.04E-07	1.333333Y	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	ALL	401888.9	3781249	4.07E-07	1.333333Y	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	ALL	401908.9	3781249	4.08E-07	1.333333Y	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	ALL	401928.9	3781249	4.09E-07	1.333333Y	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	ALL	401948.9	3781249	4.07E-07	1.333333Y	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	ALL	401968.9	3781249	4.04E-07	1.333333Y	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	ALL	401988.9	3781249	4.01E-07	1.333333Y	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	ALL	402008.9	3781249	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	ALL	402028.9	3781249	3.95E-07	1.333333Y	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	ALL	402048.9	3781249	3.91E-07	1.333333Y	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	ALL	402068.9	3781249	3.86E-07	1.333333Y	3.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	ALL	402088.9	3781249	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	ALL	402108.9	3781249	3.74E-07	1.333333Y	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	ALL	402128.9	3781249	3.67E-07	1.333333Y	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	ALL	402148.9	3781249	3.59E-07	1.333333Y	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	ALL	402168.9	3781249	3.52E-07	1.333333Y	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	ALL	402188.9	3781249	3.44E-07	1.333333Y	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	ALL	402208.9	3781249	3.36E-07	1.333333Y	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	ALL	402228.9	3781249	3.28E-07	1.333333Y	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	ALL	402248.9	3781249	3.20E-07	1.333333Y	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	ALL	402268.9	3781249	3.12E-07	1.333333Y	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	ALL	402288.9	3781249	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	ALL	402308.9	3781249	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	ALL	402328.9	3781249	2.90E-07	1.333333Y	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	ALL	402348.9	3781249	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	ALL	402368.9	3781249	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	ALL	402388.9	3781249	2.69E-07	1.333333Y	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	ALL	402408.9	3781249	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	ALL	402428.9	3781249	2.55E-07	1.333333Y	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	ALL	402448.9	3781249	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	ALL	402468.9	3781249	2.42E-07	1.333333Y	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	ALL	402488.9	3781249	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	ALL	402508.9	3781249	2.30E-07	1.333333Y	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	ALL	401308.9	3781269	1.99E-07	1.333333Y	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	ALL	401328.9	3781269	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	ALL	401348.9	3781269	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	ALL	401368.9	3781269	2.20E-07	1.333333Y	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	ALL	401388.9	3781269	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	ALL	401408.9	3781269	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	ALL	401428.9	3781269	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	ALL	401448.9	3781269	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	ALL	401468.9	3781269	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	ALL	401488.9	3781269	2.69E-07	1.333333Y	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	ALL	401508.9	3781269	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	ALL	401528.9	3781269	2.88E-07	1.333333Y	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	ALL	401548.9	3781269	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	ALL	401568.9	3781269	3.08E-07	1.333333Y	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	ALL	401588.9	3781269	3.18E-07	1.333333Y	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	ALL	401608.9	3781269	3.28E-07	1.333333Y	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	ALL	401628.9	3781269	3.39E-07	1.333333Y	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	ALL	401648.9	3781269	3.49E-07	1.333333Y	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	ALL	401668.9	3781269	3.59E-07	1.333333Y	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	ALL	401688.9	3781269	3.69E-07	1.333333Y	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	ALL	401708.9	3781269	3.79E-07	1.333333Y	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	ALL	401728.9	3781269	3.88E-07	1.333333Y	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	ALL	401748.9	3781269	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	ALL	401768.9	3781269	4.06E-07	1.333333Y	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	ALL	401788.9	3781269	4.14E-07	1.333333Y	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	ALL	401808.9	3781269	4.21E-07	1.333333Y	4.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	ALL	401828.9	3781269	4.26E-07	1.333333Y	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261	ALL	401848.9	3781269	4.31E-07	1.333333Y	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	ALL	401868.9	3781269	4.34E-07	1.333333Y	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	ALL	401888.9	3781269	4.37E-07	1.333333Y	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	ALL	401908.9	3781269	4.39E-07	1.333333Y	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	ALL	401928.9	3781269	4.39E-07	1.333333Y	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	ALL	401948.9	3781269	4.36E-07	1.333333Y	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	ALL	401968.9	3781269	4.34E-07	1.333333Y	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	ALL	401988.9	3781269	4.32E-07	1.333333Y	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	ALL	402008.9	3781269	4.27E-07	1.333333Y	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	ALL	402028.9	3781269	4.24E-07	1.333333Y	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	ALL	402048.9	3781269	4.20E-07	1.333333Y	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	ALL	402068.9	3781269	4.14E-07	1.333333Y	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	ALL	402088.9	3781269	4.07E-07	1.333333Y	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1274	ALL	402108.9	3781269	3.99E-07	1.333333Y	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	ALL	402128.9	3781269	3.91E-07	1.333333Y	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	ALL	402148.9	3781269	3.83E-07	1.333333Y	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	ALL	402168.9	3781269	3.74E-07	1.333333Y	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	ALL	402188.9	3781269	3.65E-07	1.333333Y	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	ALL	402208.9	3781269	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	ALL	402228.9	3781269	3.47E-07	1.333333Y	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	ALL	402248.9	3781269	3.38E-07	1.333333Y	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	ALL	402268.9	3781269	3.29E-07	1.333333Y	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	ALL	402288.9	3781269	3.20E-07	1.333333Y	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	ALL	402308.9	3781269	3.12E-07	1.333333Y	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	ALL	402328.9	3781269	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	ALL	402348.9	3781269	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	ALL	402368.9	3781269	2.88E-07	1.333333Y	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	ALL	402388.9	3781269	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	ALL	402408.9	3781269	2.72E-07	1.333333Y	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	ALL	402428.9	3781269	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	ALL	402448.9	3781269	2.58E-07	1.333333Y	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	ALL	402468.9	3781269	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	ALL	402488.9	3781269	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	ALL	402508.9	3781269	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	ALL	401308.9	3781289	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	ALL	401328.9	3781289	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	ALL	401348.9	3781289	2.19E-07	1.333333Y	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	ALL	401368.9	3781289	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	ALL	401388.9	3781289	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	ALL	401408.9	3781289	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	ALL	401428.9	3781289	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	ALL	401448.9	3781289	2.62E-07	1.333333Y	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	ALL	401468.9	3781289	2.71E-07	1.333333Y	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	ALL	401488.9	3781289	2.81E-07	1.333333Y	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	ALL	401508.9	3781289	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1306	ALL	401528.9	3781289	3.02E-07	1.333333Y	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	ALL	401548.9	3781289	3.12E-07	1.333333Y	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	ALL	401568.9	3781289	3.24E-07	1.333333Y	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	ALL	401588.9	3781289	3.35E-07	1.333333Y	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	ALL	401608.9	3781289	3.47E-07	1.333333Y	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	ALL	401628.9	3781289	3.58E-07	1.333333Y	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	ALL	401648.9	3781289	3.69E-07	1.333333Y	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313	ALL	401668.9	3781289	3.81E-07	1.333333Y	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	ALL	401688.9	3781289	3.93E-07	1.333333Y	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	ALL	401708.9	3781289	4.05E-07	1.333333Y	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	ALL	401728.9	3781289	4.15E-07	1.333333Y	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	ALL	401748.9	3781289	4.25E-07	1.333333Y	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	ALL	401768.9	3781289	4.35E-07	1.333333Y	4.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	ALL	401788.9	3781289	4.44E-07	1.333333Y	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	ALL	401808.9	3781289	4.52E-07	1.333333Y	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	ALL	401828.9	3781289	4.59E-07	1.333333Y	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	ALL	401848.9	3781289	4.65E-07	1.333333Y	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	ALL	401868.9	3781289	4.68E-07	1.333333Y	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	ALL	401888.9	3781289	4.72E-07	1.333333Y	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	ALL	401908.9	3781289	4.74E-07	1.333333Y	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326	ALL	401928.9	3781289	4.73E-07	1.333333Y	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	ALL	401948.9	3781289	4.72E-07	1.333333Y	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	ALL	401968.9	3781289	4.69E-07	1.333333Y	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	ALL	401988.9	3781289	4.65E-07	1.333333Y	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	ALL	402008.9	3781289	4.59E-07	1.333333Y	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	ALL	402028.9	3781289	4.54E-07	1.333333Y	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	ALL	402048.9	3781289	4.50E-07	1.333333Y	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	ALL	402068.9	3781289	4.45E-07	1.333333Y	4.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	ALL	402088.9	3781289	4.37E-07	1.333333Y	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	ALL	402108.9	3781289	4.28E-07	1.333333Y	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	ALL	402128.9	3781289	4.18E-07	1.333333Y	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	ALL	402148.9	3781289	4.08E-07	1.333333Y	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	ALL	402168.9	3781289	3.98E-07	1.333333Y	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	ALL	402188.9	3781289	3.88E-07	1.333333Y	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	ALL	402208.9	3781289	3.78E-07	1.333333Y	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	ALL	402228.9	3781289	3.68E-07	1.333333Y	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	ALL	402248.9	3781289	3.58E-07	1.333333Y	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1343	ALL	402268.9	3781289	3.47E-07	1.333333Y	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	ALL	402288.9	3781289	3.37E-07	1.333333Y	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	ALL	402308.9	3781289	3.28E-07	1.333333Y	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	ALL	402328.9	3781289	3.19E-07	1.333333Y	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	ALL	402348.9	3781289	3.10E-07	1.333333Y	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	ALL	402368.9	3781289	3.01E-07	1.333333Y	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	ALL	402388.9	3781289	2.92E-07	1.333333Y	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	ALL	402408.9	3781289	2.84E-07	1.333333Y	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1351	ALL	402428.9	3781289	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	ALL	402448.9	3781289	2.68E-07	1.333333Y	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	ALL	402468.9	3781289	2.60E-07	1.333333Y	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	ALL	402488.9	3781289	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	ALL	402508.9	3781289	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	ALL	401308.9	3781309	2.11E-07	1.333333Y	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	ALL	401328.9	3781309	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	ALL	401348.9	3781309	2.27E-07	1.333333Y	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	ALL	401368.9	3781309	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	ALL	401388.9	3781309	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	ALL	401408.9	3781309	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	ALL	401428.9	3781309	2.63E-07	1.333333Y	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	ALL	401448.9	3781309	2.72E-07	1.333333Y	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	ALL	401468.9	3781309	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1365	ALL	401488.9	3781309	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366	ALL	401508.9	3781309	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367	ALL	401528.9	3781309	3.16E-07	1.333333Y	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368	ALL	401548.9	3781309	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369	ALL	401568.9	3781309	3.40E-07	1.333333Y	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370	ALL	401588.9	3781309	3.53E-07	1.333333Y	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371	ALL	401608.9	3781309	3.65E-07	1.333333Y	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372	ALL	401628.9	3781309	3.78E-07	1.333333Y	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373	ALL	401648.9	3781309	3.92E-07	1.333333Y	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374	ALL	401668.9	3781309	4.05E-07	1.333333Y	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375	ALL	401688.9	3781309	4.18E-07	1.333333Y	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376	ALL	401708.9	3781309	4.31E-07	1.333333Y	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377	ALL	401728.9	3781309	4.43E-07	1.333333Y	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378	ALL	401748.9	3781309	4.55E-07	1.333333Y	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379	ALL	401768.9	3781309	4.67E-07	1.333333Y	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380	ALL	401788.9	3781309	4.78E-07	1.333333Y	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381	ALL	401808.9	3781309	4.88E-07	1.333333Y	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382	ALL	401828.9	3781309	4.96E-07	1.333333Y	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383	ALL	401848.9	3781309	5.01E-07	1.333333Y	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384	ALL	401868.9	3781309	5.06E-07	1.333333Y	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385	ALL	401888.9	3781309	5.10E-07	1.333333Y	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386	ALL	401908.9	3781309	5.12E-07	1.333333Y	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387	ALL	401928.9	3781309	5.11E-07	1.333333Y	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388	ALL	401948.9	3781309	5.11E-07	1.333333Y	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389	ALL	401968.9	3781309	5.06E-07	1.333333Y	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390	ALL	401988.9	3781309	5.03E-07	1.333333Y	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1391	ALL	402008.9	3781309	4.97E-07	1.333333Y	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392	ALL	402028.9	3781309	4.91E-07	1.333333Y	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393	ALL	402048.9	3781309	4.84E-07	1.333333Y	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394	ALL	402068.9	3781309	4.79E-07	1.333333Y	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395	ALL	402088.9	3781309	4.71E-07	1.333333Y	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1396	ALL	402108.9	3781309	4.59E-07	1.333333Y	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1397	ALL	402128.9	3781309	4.49E-07	1.333333Y	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398	ALL	402148.9	3781309	4.38E-07	1.333333Y	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1399	ALL	402168.9	3781309	4.26E-07	1.333333Y	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400	ALL	402188.9	3781309	4.14E-07	1.333333Y	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401	ALL	402208.9	3781309	4.02E-07	1.333333Y	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402	ALL	402228.9	3781309	3.90E-07	1.333333Y	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403	ALL	402248.9	3781309	3.78E-07	1.333333Y	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404	ALL	402268.9	3781309	3.67E-07	1.333333Y	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405	ALL	402288.9	3781309	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406	ALL	402308.9	3781309	3.45E-07	1.333333Y	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407	ALL	402328.9	3781309	3.35E-07	1.333333Y	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408	ALL	402348.9	3781309	3.26E-07	1.333333Y	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1409	ALL	402368.9	3781309	3.16E-07	1.333333Y	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410	ALL	402388.9	3781309	3.06E-07	1.333333Y	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411	ALL	402408.9	3781309	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412	ALL	402428.9	3781309	2.88E-07	1.333333Y	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413	ALL	402448.9	3781309	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1414	ALL	402468.9	3781309	2.71E-07	1.333333Y	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415	ALL	402488.9	3781309	2.63E-07	1.333333Y	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416	ALL	402508.9	3781309	2.58E-07	1.333333Y	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417	ALL	401308.9	3781329	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418	ALL	401328.9	3781329	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419	ALL	401348.9	3781329	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1420	ALL	401368.9	3781329	2.42E-07	1.333333Y	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421	ALL	401388.9	3781329	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422	ALL	401408.9	3781329	2.63E-07	1.333333Y	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423	ALL	401428.9	3781329	2.73E-07	1.333333Y	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424	ALL	401448.9	3781329	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425	ALL	401468.9	3781329	2.95E-07	1.333333Y	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426	ALL	401488.9	3781329	3.06E-07	1.333333Y	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427	ALL	401508.9	3781329	3.19E-07	1.333333Y	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428	ALL	401528.9	3781329	3.32E-07	1.333333Y	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429	ALL	401548.9	3781329	3.44E-07	1.333333Y	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430	ALL	401568.9	3781329	3.58E-07	1.333333Y	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431	ALL	401588.9	3781329	3.73E-07	1.333333Y	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1432	ALL	401608.9	3781329	3.87E-07	1.333333Y	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1433	ALL	401628.9	3781329	4.02E-07	1.333333Y	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434	ALL	401648.9	3781329	4.18E-07	1.333333Y	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435	ALL	401668.9	3781329	4.31E-07	1.333333Y	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436	ALL	401688.9	3781329	4.48E-07	1.333333Y	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437	ALL	401708.9	3781329	4.62E-07	1.333333Y	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438	ALL	401728.9	3781329	4.76E-07	1.333333Y	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1439	ALL	401748.9	3781329	4.89E-07	1.333333Y	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440	ALL	401768.9	3781329	5.04E-07	1.333333Y	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1441	ALL	401788.9	3781329	5.16E-07	1.333333Y	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442	ALL	401808.9	3781329	5.27E-07	1.333333Y	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443	ALL	401828.9	3781329	5.38E-07	1.333333Y	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444	ALL	401848.9	3781329	5.44E-07	1.333333Y	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445	ALL	401868.9	3781329	5.50E-07	1.333333Y	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446	ALL	401888.9	3781329	5.55E-07	1.333333Y	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447	ALL	401908.9	3781329	5.56E-07	1.333333Y	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448	ALL	401928.9	3781329	5.58E-07	1.333333Y	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449	ALL	401948.9	3781329	5.60E-07	1.333333Y	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450	ALL	401968.9	3781329	5.55E-07	1.333333Y	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451	ALL	401988.9	3781329	5.48E-07	1.333333Y	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452	ALL	402008.9	3781329	5.42E-07	1.333333Y	5.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453	ALL	402028.9	3781329	5.34E-07	1.333333Y	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454	ALL	402048.9	3781329	5.24E-07	1.333333Y	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1455	ALL	402068.9	3781329	5.17E-07	1.333333Y	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1456	ALL	402088.9	3781329	5.08E-07	1.333333Y	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457	ALL	402108.9	3781329	4.95E-07	1.333333Y	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458	ALL	402128.9	3781329	4.84E-07	1.333333Y	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459	ALL	402148.9	3781329	4.69E-07	1.333333Y	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460	ALL	402168.9	3781329	4.56E-07	1.333333Y	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461	ALL	402188.9	3781329	4.42E-07	1.333333Y	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462	ALL	402208.9	3781329	4.28E-07	1.333333Y	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463	ALL	402228.9	3781329	4.15E-07	1.333333Y	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464	ALL	402248.9	3781329	4.02E-07	1.333333Y	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465	ALL	402268.9	3781329	3.89E-07	1.333333Y	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466	ALL	402288.9	3781329	3.76E-07	1.333333Y	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467	ALL	402308.9	3781329	3.64E-07	1.333333Y	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468	ALL	402328.9	3781329	3.53E-07	1.333333Y	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469	ALL	402348.9	3781329	3.43E-07	1.333333Y	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470	ALL	402368.9	3781329	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471	ALL	402388.9	3781329	3.20E-07	1.333333Y	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472	ALL	402408.9	3781329	3.10E-07	1.333333Y	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1473	ALL	402428.9	3781329	3.01E-07	1.333333Y	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474	ALL	402448.9	3781329	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475	ALL	402468.9	3781329	2.82E-07	1.333333Y	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476	ALL	402488.9	3781329	2.73E-07	1.333333Y	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477	ALL	402508.9	3781329	2.69E-07	1.333333Y	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478	ALL	401308.9	3781349	2.23E-07	1.333333Y	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479	ALL	401328.9	3781349	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480	ALL	401348.9	3781349	2.41E-07	1.333333Y	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481	ALL	401368.9	3781349	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482	ALL	401388.9	3781349	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483	ALL	401408.9	3781349	2.72E-07	1.333333Y	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484	ALL	401428.9	3781349	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1485	ALL	401448.9	3781349	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1486	ALL	401468.9	3781349	3.07E-07	1.333333Y	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1487	ALL	401488.9	3781349	3.21E-07	1.333333Y	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488	ALL	401508.9	3781349	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489	ALL	401528.9	3781349	3.49E-07	1.333333Y	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490	ALL	401548.9	3781349	3.61E-07	1.333333Y	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491	ALL	401568.9	3781349	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492	ALL	401588.9	3781349	3.93E-07	1.333333Y	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493	ALL	401608.9	3781349	4.10E-07	1.333333Y	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494	ALL	401628.9	3781349	4.26E-07	1.333333Y	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495	ALL	401648.9	3781349	4.43E-07	1.333333Y	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496	ALL	401668.9	3781349	4.61E-07	1.333333Y	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497	ALL	401688.9	3781349	4.78E-07	1.333333Y	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498	ALL	401708.9	3781349	4.96E-07	1.333333Y	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499	ALL	401728.9	3781349	5.12E-07	1.333333Y	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500	ALL	401748.9	3781349	5.29E-07	1.333333Y	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501	ALL	401768.9	3781349	5.44E-07	1.333333Y	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502	ALL	401788.9	3781349	5.59E-07	1.333333Y	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503	ALL	401808.9	3781349	5.72E-07	1.333333Y	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504	ALL	401828.9	3781349	5.84E-07	1.333333Y	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505	ALL	401848.9	3781349	5.94E-07	1.333333Y	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506	ALL	401868.9	3781349	6.00E-07	1.333333Y	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507	ALL	401888.9	3781349	6.07E-07	1.333333Y	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508	ALL	401908.9	3781349	6.09E-07	1.333333Y	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509	ALL	401928.9	3781349	6.10E-07	1.333333Y	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510	ALL	401948.9	3781349	6.09E-07	1.333333Y	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1511	ALL	401968.9	3781349	6.05E-07	1.333333Y	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512	ALL	401988.9	3781349	5.99E-07	1.333333Y	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513	ALL	402008.9	3781349	5.91E-07	1.333333Y	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514	ALL	402028.9	3781349	5.83E-07	1.333333Y	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1515	ALL	402048.9	3781349	5.72E-07	1.333333Y	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516	ALL	402068.9	3781349	5.61E-07	1.333333Y	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517	ALL	402088.9	3781349	5.50E-07	1.333333Y	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518	ALL	402108.9	3781349	5.37E-07	1.333333Y	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1519	ALL	402128.9	3781349	5.22E-07	1.333333Y	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520	ALL	402148.9	3781349	5.06E-07	1.333333Y	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521	ALL	402168.9	3781349	4.90E-07	1.333333Y	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522	ALL	402188.9	3781349	4.74E-07	1.333333Y	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523	ALL	402208.9	3781349	4.58E-07	1.333333Y	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524	ALL	402228.9	3781349	4.43E-07	1.333333Y	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525	ALL	402248.9	3781349	4.28E-07	1.333333Y	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526	ALL	402268.9	3781349	4.13E-07	1.333333Y	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527	ALL	402288.9	3781349	3.99E-07	1.333333Y	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528	ALL	402308.9	3781349	3.85E-07	1.333333Y	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529	ALL	402328.9	3781349	3.72E-07	1.333333Y	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530	ALL	402348.9	3781349	3.60E-07	1.333333Y	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1531	ALL	402368.9	3781349	3.48E-07	1.333333Y	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532	ALL	402388.9	3781349	3.35E-07	1.333333Y	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533	ALL	402408.9	3781349	3.24E-07	1.333333Y	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534	ALL	402428.9	3781349	3.14E-07	1.333333Y	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1535	ALL	402448.9	3781349	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	ALL	402468.9	3781349	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1537	ALL	402488.9	3781349	2.85E-07	1.333333Y	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1538	ALL	402508.9	3781349	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	ALL	401308.9	3781369	2.29E-07	1.333333Y	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	ALL	401328.9	3781369	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	ALL	401348.9	3781369	2.49E-07	1.333333Y	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	ALL	401368.9	3781369	2.58E-07	1.333333Y	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	ALL	401388.9	3781369	2.69E-07	1.333333Y	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	ALL	401408.9	3781369	2.81E-07	1.333333Y	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	ALL	401428.9	3781369	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	ALL	401448.9	3781369	3.06E-07	1.333333Y	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1547	ALL	401468.9	3781369	3.19E-07	1.333333Y	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548	ALL	401488.9	3781369	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549	ALL	401508.9	3781369	3.49E-07	1.333333Y	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550	ALL	401528.9	3781369	3.65E-07	1.333333Y	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551	ALL	401548.9	3781369	3.79E-07	1.333333Y	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552	ALL	401568.9	3781369	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553	ALL	401588.9	3781369	4.15E-07	1.333333Y	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554	ALL	401608.9	3781369	4.33E-07	1.333333Y	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555	ALL	401628.9	3781369	4.52E-07	1.333333Y	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556	ALL	401648.9	3781369	4.72E-07	1.333333Y	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557	ALL	401668.9	3781369	4.92E-07	1.333333Y	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558	ALL	401688.9	3781369	5.12E-07	1.333333Y	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559	ALL	401708.9	3781369	5.33E-07	1.333333Y	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560	ALL	401728.9	3781369	5.53E-07	1.333333Y	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561	ALL	401748.9	3781369	5.73E-07	1.333333Y	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562	ALL	401768.9	3781369	5.91E-07	1.333333Y	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563	ALL	401788.9	3781369	6.09E-07	1.333333Y	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564	ALL	401808.9	3781369	6.25E-07	1.333333Y	6.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565	ALL	401828.9	3781369	6.38E-07	1.333333Y	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566	ALL	401848.9	3781369	6.50E-07	1.333333Y	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1567	ALL	401868.9	3781369	6.58E-07	1.333333Y	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568	ALL	401888.9	3781369	6.66E-07	1.333333Y	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569	ALL	401908.9	3781369	6.69E-07	1.333333Y	6.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570	ALL	401928.9	3781369	6.71E-07	1.333333Y	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571	ALL	401948.9	3781369	6.69E-07	1.333333Y	6.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572	ALL	401968.9	3781369	6.66E-07	1.333333Y	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573	ALL	401988.9	3781369	6.56E-07	1.333333Y	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574	ALL	402008.9	3781369	6.49E-07	1.333333Y	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575	ALL	402028.9	3781369	6.37E-07	1.333333Y	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1576	ALL	402048.9	3781369	6.23E-07	1.333333Y	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577	ALL	402068.9	3781369	6.11E-07	1.333333Y	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1578	ALL	402088.9	3781369	5.97E-07	1.333333Y	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1579	ALL	402108.9	3781369	5.83E-07	1.333333Y	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1580	ALL	402128.9	3781369	5.66E-07	1.333333Y	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1581	ALL	402148.9	3781369	5.47E-07	1.333333Y	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1582	ALL	402168.9	3781369	5.29E-07	1.333333Y	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1583	ALL	402188.9	3781369	5.08E-07	1.333333Y	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1584	ALL	402208.9	3781369	4.89E-07	1.333333Y	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1585	ALL	402228.9	3781369	4.71E-07	1.333333Y	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1586	ALL	402248.9	3781369	4.55E-07	1.333333Y	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1587	ALL	402268.9	3781369	4.39E-07	1.333333Y	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1588	ALL	402288.9	3781369	4.23E-07	1.333333Y	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1589	ALL	402308.9	3781369	4.07E-07	1.333333Y	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1590	ALL	402328.9	3781369	3.93E-07	1.333333Y	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1591	ALL	402348.9	3781369	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1592	ALL	402368.9	3781369	3.65E-07	1.333333Y	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1593	ALL	402388.9	3781369	3.52E-07	1.333333Y	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1594	ALL	402408.9	3781369	3.40E-07	1.333333Y	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1595	ALL	402428.9	3781369	3.29E-07	1.333333Y	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1596	ALL	402448.9	3781369	3.19E-07	1.333333Y	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1597	ALL	402468.9	3781369	3.07E-07	1.333333Y	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1598	ALL	402488.9	3781369	2.99E-07	1.333333Y	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1599	ALL	402508.9	3781369	2.92E-07	1.333333Y	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600	ALL	401308.9	3781389	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1601	ALL	401328.9	3781389	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1602	ALL	401348.9	3781389	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1603	ALL	401368.9	3781389	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1604	ALL	401388.9	3781389	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1605	ALL	401408.9	3781389	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1606	ALL	401428.9	3781389	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1607	ALL	401448.9	3781389	3.18E-07	1.333333Y	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608	ALL	401468.9	3781389	3.33E-07	1.333333Y	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1609	ALL	401488.9	3781389	3.49E-07	1.333333Y	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1610	ALL	401508.9	3781389	3.65E-07	1.333333Y	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1611	ALL	401528.9	3781389	3.83E-07	1.333333Y	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1612	ALL	401548.9	3781389	3.98E-07	1.333333Y	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1613	ALL	401568.9	3781389	4.19E-07	1.333333Y	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1614	ALL	401588.9	3781389	4.38E-07	1.333333Y	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1615	ALL	401608.9	3781389	4.59E-07	1.333333Y	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1616	ALL	401628.9	3781389	4.81E-07	1.333333Y	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1617	ALL	401648.9	3781389	5.03E-07	1.333333Y	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1618	ALL	401668.9	3781389	5.28E-07	1.333333Y	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1619	ALL	401688.9	3781389	5.51E-07	1.333333Y	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1620	ALL	401708.9	3781389	5.75E-07	1.333333Y	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1621	ALL	401728.9	3781389	5.99E-07	1.333333Y	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1622	ALL	401748.9	3781389	6.21E-07	1.333333Y	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1623	ALL	401768.9	3781389	6.45E-07	1.333333Y	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1624	ALL	401788.9	3781389	6.66E-07	1.333333Y	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1625	ALL	401808.9	3781389	6.85E-07	1.333333Y	6.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1626	ALL	401828.9	3781389	7.02E-07	1.333333Y	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1627	ALL	401848.9	3781389	7.16E-07	1.333333Y	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1628	ALL	401868.9	3781389	7.25E-07	1.333333Y	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1629	ALL	401888.9	3781389	7.37E-07	1.333333Y	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1630	ALL	401908.9	3781389	7.41E-07	1.333333Y	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1631	ALL	401928.9	3781389	7.41E-07	1.333333Y	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1632	ALL	401948.9	3781389	7.41E-07	1.333333Y	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1633	ALL	401968.9	3781389	7.35E-07	1.333333Y	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1634	ALL	401988.9	3781389	7.26E-07	1.333333Y	7.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1635	ALL	402008.9	3781389	7.14E-07	1.333333Y	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1636	ALL	402028.9	3781389	7.02E-07	1.333333Y	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1637	ALL	402048.9	3781389	6.86E-07	1.333333Y	6.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1638	ALL	402068.9	3781389	6.72E-07	1.333333Y	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1639	ALL	402088.9	3781389	6.54E-07	1.333333Y	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1640	ALL	402108.9	3781389	6.36E-07	1.333333Y	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1641	ALL	402128.9	3781389	6.16E-07	1.333333Y	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1642	ALL	402148.9	3781389	5.94E-07	1.333333Y	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1643	ALL	402168.9	3781389	5.71E-07	1.333333Y	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1644	ALL	402188.9	3781389	5.49E-07	1.333333Y	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1645	ALL	402208.9	3781389	5.26E-07	1.333333Y	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1646	ALL	402228.9	3781389	5.07E-07	1.333333Y	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647	ALL	402248.9	3781389	4.87E-07	1.333333Y	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1648	ALL	402268.9	3781389	4.67E-07	1.333333Y	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1649	ALL	402288.9	3781389	4.50E-07	1.333333Y	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650	ALL	402308.9	3781389	4.32E-07	1.333333Y	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1651	ALL	402328.9	3781389	4.16E-07	1.333333Y	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1652	ALL	402348.9	3781389	4.00E-07	1.333333Y	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1653	ALL	402368.9	3781389	3.85E-07	1.333333Y	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1654	ALL	402388.9	3781389	3.71E-07	1.333333Y	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1655	ALL	402408.9	3781389	3.58E-07	1.333333Y	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1656	ALL	402428.9	3781389	3.47E-07	1.333333Y	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1657	ALL	402448.9	3781389	3.36E-07	1.333333Y	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1658	ALL	402468.9	3781389	3.22E-07	1.333333Y	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1659	ALL	402488.9	3781389	3.14E-07	1.333333Y	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1660	ALL	402508.9	3781389	3.07E-07	1.333333Y	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1661	ALL	401308.9	3781409	2.42E-07	1.333333Y	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1662	ALL	401328.9	3781409	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1663	ALL	401348.9	3781409	2.64E-07	1.333333Y	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1664	ALL	401368.9	3781409	2.75E-07	1.333333Y	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1665	ALL	401388.9	3781409	2.87E-07	1.333333Y	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1666	ALL	401408.9	3781409	3.01E-07	1.333333Y	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1667	ALL	401428.9	3781409	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1668	ALL	401448.9	3781409	3.30E-07	1.333333Y	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1669	ALL	401468.9	3781409	3.46E-07	1.333333Y	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1670	ALL	401488.9	3781409	3.64E-07	1.333333Y	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1671	ALL	401508.9	3781409	3.81E-07	1.333333Y	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1672	ALL	401528.9	3781409	4.01E-07	1.333333Y	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1673	ALL	401548.9	3781409	4.19E-07	1.333333Y	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1674	ALL	401568.9	3781409	4.41E-07	1.333333Y	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1675	ALL	401588.9	3781409	4.66E-07	1.333333Y	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1676	ALL	401608.9	3781409	4.86E-07	1.333333Y	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1677	ALL	401628.9	3781409	5.11E-07	1.333333Y	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1678	ALL	401648.9	3781409	5.37E-07	1.333333Y	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1679	ALL	401668.9	3781409	5.65E-07	1.333333Y	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1680	ALL	401688.9	3781409	5.93E-07	1.333333Y	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1681	ALL	401708.9	3781409	6.21E-07	1.333333Y	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1682	ALL	401728.9	3781409	6.50E-07	1.333333Y	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1683	ALL	401748.9	3781409	6.77E-07	1.333333Y	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1684	ALL	401768.9	3781409	7.04E-07	1.333333Y	7.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1685	ALL	401788.9	3781409	7.31E-07	1.333333Y	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1686	ALL	401808.9	3781409	7.54E-07	1.333333Y	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1687	ALL	401828.9	3781409	7.75E-07	1.333333Y	7.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1688	ALL	401848.9	3781409	7.93E-07	1.333333Y	7.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1689	ALL	401868.9	3781409	8.06E-07	1.333333Y	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1690	ALL	401888.9	3781409	8.18E-07	1.333333Y	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1691	ALL	401908.9	3781409	8.25E-07	1.333333Y	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1692	ALL	401928.9	3781409	8.26E-07	1.333333Y	8.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1693	ALL	401948.9	3781409	8.25E-07	1.333333Y	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1694	ALL	401968.9	3781409	8.20E-07	1.333333Y	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1695	ALL	401988.9	3781409	8.10E-07	1.333333Y	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1696	ALL	402008.9	3781409	7.95E-07	1.333333Y	7.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1697	ALL	402028.9	3781409	7.79E-07	1.333333Y	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1698	ALL	402048.9	3781409	7.60E-07	1.333333Y	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1699	ALL	402068.9	3781409	7.39E-07	1.333333Y	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700	ALL	402088.9	3781409	7.17E-07	1.333333Y	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1701	ALL	402108.9	3781409	6.96E-07	1.333333Y	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1702	ALL	402128.9	3781409	6.73E-07	1.333333Y	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1703	ALL	402148.9	3781409	6.47E-07	1.333333Y	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1704	ALL	402168.9	3781409	6.19E-07	1.333333Y	6.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1705	ALL	402188.9	3781409	5.93E-07	1.333333Y	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1706	ALL	402208.9	3781409	5.67E-07	1.333333Y	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1707	ALL	402228.9	3781409	5.44E-07	1.333333Y	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1708	ALL	402248.9	3781409	5.21E-07	1.333333Y	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1709	ALL	402268.9	3781409	5.00E-07	1.333333Y	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1710	ALL	402288.9	3781409	4.79E-07	1.333333Y	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1711	ALL	402308.9	3781409	4.59E-07	1.333333Y	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1712	ALL	402328.9	3781409	4.41E-07	1.333333Y	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1713	ALL	402348.9	3781409	4.23E-07	1.333333Y	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1714	ALL	402368.9	3781409	4.06E-07	1.333333Y	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1715	ALL	402388.9	3781409	3.91E-07	1.333333Y	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1716	ALL	402408.9	3781409	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1717	ALL	402428.9	3781409	3.65E-07	1.333333Y	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1718	ALL	402448.9	3781409	3.52E-07	1.333333Y	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1719	ALL	402468.9	3781409	3.38E-07	1.333333Y	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1720	ALL	402488.9	3781409	3.30E-07	1.333333Y	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1721	ALL	402508.9	3781409	3.21E-07	1.333333Y	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1722	ALL	401308.9	3781429	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1723	ALL	401328.9	3781429	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1724	ALL	401348.9	3781429	2.71E-07	1.333333Y	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1725	ALL	401368.9	3781429	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1726	ALL	401388.9	3781429	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1727	ALL	401408.9	3781429	3.12E-07	1.333333Y	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1728	ALL	401428.9	3781429	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1729	ALL	401448.9	3781429	3.43E-07	1.333333Y	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1730	ALL	401468.9	3781429	3.60E-07	1.333333Y	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1731	ALL	401488.9	3781429	3.79E-07	1.333333Y	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1732	ALL	401508.9	3781429	3.98E-07	1.333333Y	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1733	ALL	401528.9	3781429	4.19E-07	1.333333Y	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1734	ALL	401548.9	3781429	4.40E-07	1.333333Y	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1735	ALL	401568.9	3781429	4.65E-07	1.333333Y	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1736	ALL	401588.9	3781429	4.92E-07	1.333333Y	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1737	ALL	401608.9	3781429	5.18E-07	1.333333Y	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1738	ALL	401628.9	3781429	5.46E-07	1.333333Y	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1739	ALL	401648.9	3781429	5.77E-07	1.333333Y	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1740	ALL	401668.9	3781429	6.10E-07	1.333333Y	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1741	ALL	401688.9	3781429	6.39E-07	1.333333Y	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1742	ALL	401708.9	3781429	6.73E-07	1.333333Y	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1743	ALL	401728.9	3781429	7.06E-07	1.333333Y	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1744	ALL	401748.9	3781429	7.41E-07	1.333333Y	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1745	ALL	401768.9	3781429	7.75E-07	1.333333Y	7.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1746	ALL	401788.9	3781429	8.07E-07	1.333333Y	8.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1747	ALL	401808.9	3781429	8.36E-07	1.333333Y	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1748	ALL	401828.9	3781429	8.63E-07	1.333333Y	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1749	ALL	401848.9	3781429	8.85E-07	1.333333Y	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1750	ALL	401868.9	3781429	9.02E-07	1.333333Y	9.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1751	ALL	401888.9	3781429	9.18E-07	1.333333Y	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1752	ALL	401908.9	3781429	9.28E-07	1.333333Y	9.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1753	ALL	401928.9	3781429	9.35E-07	1.333333Y	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754	ALL	401948.9	3781429	9.36E-07	1.333333Y	9.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1755	ALL	401968.9	3781429	9.25E-07	1.333333Y	9.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1756	ALL	401988.9	3781429	9.12E-07	1.333333Y	9.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1757	ALL	402008.9	3781429	8.90E-07	1.333333Y	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1758	ALL	402028.9	3781429	8.69E-07	1.333333Y	8.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1759	ALL	402048.9	3781429	8.46E-07	1.333333Y	8.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1760	ALL	402068.9	3781429	8.18E-07	1.333333Y	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1761	ALL	402088.9	3781429	7.91E-07	1.333333Y	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1762	ALL	402108.9	3781429	7.66E-07	1.333333Y	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1763	ALL	402128.9	3781429	7.36E-07	1.333333Y	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1764	ALL	402148.9	3781429	7.07E-07	1.333333Y	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1765	ALL	402168.9	3781429	6.74E-07	1.333333Y	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1766	ALL	402188.9	3781429	6.42E-07	1.333333Y	6.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1767	ALL	402208.9	3781429	6.12E-07	1.333333Y	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1768	ALL	402228.9	3781429	5.85E-07	1.333333Y	5.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1769	ALL	402248.9	3781429	5.59E-07	1.333333Y	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1770	ALL	402268.9	3781429	5.35E-07	1.333333Y	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1771	ALL	402288.9	3781429	5.12E-07	1.333333Y	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1772	ALL	402308.9	3781429	4.89E-07	1.333333Y	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1773	ALL	402328.9	3781429	4.69E-07	1.333333Y	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1774	ALL	402348.9	3781429	4.49E-07	1.333333Y	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1775	ALL	402368.9	3781429	4.30E-07	1.333333Y	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1776	ALL	402388.9	3781429	4.15E-07	1.333333Y	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1777	ALL	402408.9	3781429	4.00E-07	1.333333Y	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1778	ALL	402428.9	3781429	3.87E-07	1.333333Y	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1779	ALL	402448.9	3781429	3.73E-07	1.333333Y	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1780	ALL	402468.9	3781429	3.57E-07	1.333333Y	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781	ALL	402488.9	3781429	3.46E-07	1.333333Y	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1782	ALL	402508.9	3781429	3.36E-07	1.333333Y	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1783	ALL	401308.9	3781449	2.54E-07	1.333333Y	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1784	ALL	401328.9	3781449	2.66E-07	1.333333Y	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1785	ALL	401348.9	3781449	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1786	ALL	401368.9	3781449	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1787	ALL	401388.9	3781449	3.06E-07	1.333333Y	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1788	ALL	401408.9	3781449	3.22E-07	1.333333Y	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1789	ALL	401428.9	3781449	3.38E-07	1.333333Y	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1790	ALL	401448.9	3781449	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1791	ALL	401468.9	3781449	3.74E-07	1.333333Y	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1792	ALL	401488.9	3781449	3.95E-07	1.333333Y	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1793	ALL	401508.9	3781449	4.16E-07	1.333333Y	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1794	ALL	401528.9	3781449	4.39E-07	1.333333Y	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1795	ALL	401548.9	3781449	4.62E-07	1.333333Y	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1796	ALL	401568.9	3781449	4.90E-07	1.333333Y	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1797	ALL	401588.9	3781449	5.21E-07	1.333333Y	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1798	ALL	401608.9	3781449	5.49E-07	1.333333Y	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1799	ALL	401628.9	3781449	5.83E-07	1.333333Y	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800	ALL	401648.9	3781449	6.18E-07	1.333333Y	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1801	ALL	401668.9	3781449	6.55E-07	1.333333Y	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1802	ALL	401688.9	3781449	6.94E-07	1.333333Y	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1803	ALL	401708.9	3781449	7.33E-07	1.333333Y	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1804	ALL	401728.9	3781449	7.74E-07	1.333333Y	7.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1805	ALL	401748.9	3781449	8.16E-07	1.333333Y	8.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1806	ALL	401768.9	3781449	8.57E-07	1.333333Y	8.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1807	ALL	401788.9	3781449	8.97E-07	1.333333Y	8.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1808	ALL	401808.9	3781449	9.33E-07	1.333333Y	9.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1809	ALL	401828.9	3781449	9.66E-07	1.333333Y	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1810	ALL	401848.9	3781449	9.97E-07	1.333333Y	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1811	ALL	401868.9	3781449	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1812	ALL	401888.9	3781449	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1813	ALL	401908.9	3781449	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1814	ALL	401928.9	3781449	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815	ALL	401948.9	3781449	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1816	ALL	401968.9	3781449	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1817	ALL	401988.9	3781449	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1818	ALL	402008.9	3781449	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1819	ALL	402028.9	3781449	9.82E-07	1.333333Y	9.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1820	ALL	402048.9	3781449	9.52E-07	1.333333Y	9.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821	ALL	402068.9	3781449	9.19E-07	1.333333Y	9.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1822	ALL	402088.9	3781449	8.84E-07	1.333333Y	8.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1823	ALL	402108.9	3781449	8.49E-07	1.333333Y	8.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1824	ALL	402128.9	3781449	8.15E-07	1.333333Y	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1825	ALL	402148.9	3781449	7.79E-07	1.333333Y	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826	ALL	402168.9	3781449	7.38E-07	1.333333Y	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1827	ALL	402188.9	3781449	7.00E-07	1.333333Y	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1828	ALL	402208.9	3781449	6.64E-07	1.333333Y	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1829	ALL	402228.9	3781449	6.33E-07	1.333333Y	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1830	ALL	402248.9	3781449	6.02E-07	1.333333Y	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1831	ALL	402268.9	3781449	5.75E-07	1.333333Y	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1832	ALL	402288.9	3781449	5.49E-07	1.333333Y	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1833	ALL	402308.9	3781449	5.23E-07	1.333333Y	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1834	ALL	402328.9	3781449	5.00E-07	1.333333Y	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1835	ALL	402348.9	3781449	4.77E-07	1.333333Y	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1836	ALL	402368.9	3781449	4.58E-07	1.333333Y	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1837	ALL	402388.9	3781449	4.41E-07	1.333333Y	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1838	ALL	402408.9	3781449	4.25E-07	1.333333Y	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1839	ALL	402428.9	3781449	4.09E-07	1.333333Y	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1840	ALL	402448.9	3781449	3.94E-07	1.333333Y	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1841	ALL	402468.9	3781449	3.78E-07	1.333333Y	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1842	ALL	402488.9	3781449	3.68E-07	1.333333Y	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1843	ALL	402508.9	3781449	3.58E-07	1.333333Y	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1844	ALL	401308.9	3781469	2.60E-07	1.333333Y	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1845	ALL	401328.9	3781469	2.72E-07	1.333333Y	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1846	ALL	401348.9	3781469	2.86E-07	1.333333Y	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1847	ALL	401368.9	3781469	2.99E-07	1.333333Y	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1848	ALL	401388.9	3781469	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1849	ALL	401408.9	3781469	3.32E-07	1.333333Y	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1850	ALL	401428.9	3781469	3.49E-07	1.333333Y	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1851	ALL	401448.9	3781469	3.68E-07	1.333333Y	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1852	ALL	401468.9	3781469	3.88E-07	1.333333Y	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1853	ALL	401488.9	3781469	4.11E-07	1.333333Y	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1854	ALL	401508.9	3781469	4.34E-07	1.333333Y	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1855	ALL	401528.9	3781469	4.60E-07	1.333333Y	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1856	ALL	401548.9	3781469	4.85E-07	1.333333Y	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1857	ALL	401568.9	3781469	5.16E-07	1.333333Y	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1858	ALL	401588.9	3781469	5.51E-07	1.333333Y	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1859	ALL	401608.9	3781469	5.82E-07	1.333333Y	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1860	ALL	401628.9	3781469	6.22E-07	1.333333Y	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1861	ALL	401648.9	3781469	6.64E-07	1.333333Y	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1862	ALL	401668.9	3781469	7.08E-07	1.333333Y	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1863	ALL	401688.9	3781469	7.50E-07	1.333333Y	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1864	ALL	401708.9	3781469	7.99E-07	1.333333Y	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1865	ALL	401728.9	3781469	8.50E-07	1.333333Y	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1866	ALL	401748.9	3781469	9.04E-07	1.333333Y	9.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1867	ALL	401768.9	3781469	9.56E-07	1.333333Y	9.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1868	ALL	401788.9	3781469	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1869	ALL	401808.9	3781469	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1870	ALL	401828.9	3781469	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1871	ALL	401848.9	3781469	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1872	ALL	401868.9	3781469	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1873	ALL	401888.9	3781469	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1874	ALL	401908.9	3781469	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1875	ALL	401928.9	3781469	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1876	ALL	401948.9	3781469	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1877	ALL	401968.9	3781469	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1878	ALL	401988.9	3781469	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1879	ALL	402008.9	3781469	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1880	ALL	402028.9	3781469	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1881	ALL	402048.9	3781469	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1882	ALL	402068.9	3781469	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1883	ALL	402088.9	3781469	9.94E-07	1.333333Y	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1884	ALL	402108.9	3781469	9.50E-07	1.333333Y	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1885	ALL	402128.9	3781469	9.06E-07	1.333333Y	9.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1886	ALL	402148.9	3781469	8.59E-07	1.333333Y	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1887	ALL	402168.9	3781469	8.13E-07	1.333333Y	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1888	ALL	402188.9	3781469	7.68E-07	1.333333Y	7.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1889	ALL	402208.9	3781469	7.23E-07	1.333333Y	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1890	ALL	402228.9	3781469	6.87E-07	1.333333Y	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1891	ALL	402248.9	3781469	6.51E-07	1.333333Y	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1892	ALL	402268.9	3781469	6.18E-07	1.333333Y	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1893	ALL	402288.9	3781469	5.89E-07	1.333333Y	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1894	ALL	402308.9	3781469	5.62E-07	1.333333Y	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1895	ALL	402328.9	3781469	5.36E-07	1.333333Y	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1896	ALL	402348.9	3781469	5.11E-07	1.333333Y	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1897	ALL	402368.9	3781469	4.90E-07	1.333333Y	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1898	ALL	402388.9	3781469	4.72E-07	1.333333Y	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1899	ALL	402408.9	3781469	4.55E-07	1.333333Y	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1900	ALL	402428.9	3781469	4.37E-07	1.333333Y	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1901	ALL	402448.9	3781469	4.19E-07	1.333333Y	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1902	ALL	402468.9	3781469	4.02E-07	1.333333Y	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1903	ALL	402488.9	3781469	3.90E-07	1.333333Y	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1904	ALL	402508.9	3781469	3.79E-07	1.333333Y	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1905	ALL	401308.9	3781489	2.66E-07	1.333333Y	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1906	ALL	401328.9	3781489	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1907	ALL	401348.9	3781489	2.93E-07	1.333333Y	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1908	ALL	401368.9	3781489	3.07E-07	1.333333Y	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1909	ALL	401388.9	3781489	3.23E-07	1.333333Y	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1910	ALL	401408.9	3781489	3.41E-07	1.333333Y	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1911	ALL	401428.9	3781489	3.60E-07	1.333333Y	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1912	ALL	401448.9	3781489	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1913	ALL	401468.9	3781489	4.02E-07	1.333333Y	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1914	ALL	401488.9	3781489	4.27E-07	1.333333Y	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1915	ALL	401508.9	3781489	4.52E-07	1.333333Y	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1916	ALL	401528.9	3781489	4.81E-07	1.333333Y	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1917	ALL	401548.9	3781489	5.09E-07	1.333333Y	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1918	ALL	401568.9	3781489	5.43E-07	1.333333Y	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1919	ALL	401588.9	3781489	5.80E-07	1.333333Y	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1920	ALL	401608.9	3781489	6.18E-07	1.333333Y	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1921	ALL	401628.9	3781489	6.61E-07	1.333333Y	6.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1922	ALL	401648.9	3781489	7.09E-07	1.333333Y	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1923	ALL	401668.9	3781489	7.60E-07	1.333333Y	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1924	ALL	401688.9	3781489	8.15E-07	1.333333Y	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1925	ALL	401708.9	3781489	8.75E-07	1.333333Y	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1926	ALL	401728.9	3781489	9.36E-07	1.333333Y	9.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1927	ALL	401748.9	3781489	1.00E-06	1.333333Y	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1928	ALL	401768.9	3781489	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1929	ALL	401788.9	3781489	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1930	ALL	401808.9	3781489	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1931	ALL	401828.9	3781489	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1932	ALL	401848.9	3781489	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1933	ALL	401868.9	3781489	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1934	ALL	401888.9	3781489	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1935	ALL	401908.9	3781489	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1936	ALL	401928.9	3781489	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1937	ALL	401948.9	3781489	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1938	ALL	401968.9	3781489	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1939	ALL	401988.9	3781489	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1940	ALL	402008.9	3781489	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1941	ALL	402028.9	3781489	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1942	ALL	402048.9	3781489	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1943	ALL	402068.9	3781489	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1944	ALL	402088.9	3781489	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1945	ALL	402108.9	3781489	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1946	ALL	402128.9	3781489	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1947	ALL	402148.9	3781489	9.69E-07	1.333333Y	9.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1948	ALL	402168.9	3781489	9.13E-07	1.333333Y	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1949	ALL	402188.9	3781489	8.57E-07	1.333333Y	8.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1950	ALL	402208.9	3781489	7.92E-07	1.333333Y	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1951	ALL	402228.9	3781489	7.47E-07	1.333333Y	7.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1952	ALL	402248.9	3781489	7.07E-07	1.333333Y	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1953	ALL	402268.9	3781489	6.71E-07	1.333333Y	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1954	ALL	402288.9	3781489	6.41E-07	1.333333Y	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1955	ALL	402308.9	3781489	6.07E-07	1.333333Y	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1956	ALL	402328.9	3781489	5.79E-07	1.333333Y	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1957	ALL	402348.9	3781489	5.52E-07	1.333333Y	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1958	ALL	402368.9	3781489	5.31E-07	1.333333Y	5.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1959	ALL	402388.9	3781489	5.13E-07	1.333333Y	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1960	ALL	402408.9	3781489	4.93E-07	1.333333Y	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1961	ALL	402428.9	3781489	4.72E-07	1.333333Y	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1962	ALL	402448.9	3781489	4.54E-07	1.333333Y	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1963	ALL	402468.9	3781489	4.37E-07	1.333333Y	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1964	ALL	402488.9	3781489	4.19E-07	1.333333Y	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1965	ALL	402508.9	3781489	4.12E-07	1.333333Y	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1966	ALL	401308.9	3781509	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1967	ALL	401328.9	3781509	2.84E-07	1.333333Y	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1968	ALL	401348.9	3781509	2.99E-07	1.333333Y	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1969	ALL	401368.9	3781509	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1970	ALL	401388.9	3781509	3.32E-07	1.333333Y	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1971	ALL	401408.9	3781509	3.51E-07	1.333333Y	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1972	ALL	401428.9	3781509	3.71E-07	1.333333Y	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1973	ALL	401448.9	3781509	3.93E-07	1.333333Y	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1974	ALL	401468.9	3781509	4.16E-07	1.333333Y	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1975	ALL	401488.9	3781509	4.43E-07	1.333333Y	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1976	ALL	401508.9	3781509	4.71E-07	1.333333Y	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1977	ALL	401528.9	3781509	5.02E-07	1.333333Y	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1978	ALL	401548.9	3781509	5.33E-07	1.333333Y	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1979	ALL	401568.9	3781509	5.71E-07	1.333333Y	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1980	ALL	401588.9	3781509	6.12E-07	1.333333Y	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1981	ALL	401608.9	3781509	6.56E-07	1.333333Y	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1982	ALL	401628.9	3781509	7.05E-07	1.333333Y	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1983	ALL	401648.9	3781509	7.60E-07	1.333333Y	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1984	ALL	401668.9	3781509	8.20E-07	1.333333Y	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1985	ALL	401688.9	3781509	8.85E-07	1.333333Y	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1986	ALL	401708.9	3781509	9.59E-07	1.333333Y	9.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1987	ALL	401728.9	3781509	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1988	ALL	401748.9	3781509	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1989	ALL	401768.9	3781509	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1990	ALL	401788.9	3781509	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1991	ALL	401808.9	3781509	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1992	ALL	401828.9	3781509	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1993	ALL	401848.9	3781509	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1994	ALL	401868.9	3781509	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1995	ALL	401888.9	3781509	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1996	ALL	401908.9	3781509	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1997	ALL	401928.9	3781509	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1998	ALL	401948.9	3781509	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1999	ALL	401968.9	3781509	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2000	ALL	401988.9	3781509	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2001	ALL	402008.9	3781509	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2002	ALL	402028.9	3781509	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2003	ALL	402048.9	3781509	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2004	ALL	402068.9	3781509	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2005	ALL	402088.9	3781509	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2006	ALL	402108.9	3781509	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2007	ALL	402128.9	3781509	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2008	ALL	402148.9	3781509	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2009	ALL	402168.9	3781509	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2010	ALL	402188.9	3781509	9.44E-07	1.333333Y	9.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2011	ALL	402208.9	3781509	8.71E-07	1.333333Y	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2012	ALL	402228.9	3781509	8.19E-07	1.333333Y	8.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2013	ALL	402248.9	3781509	7.72E-07	1.333333Y	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2014	ALL	402268.9	3781509	7.29E-07	1.333333Y	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2015	ALL	402288.9	3781509	6.94E-07	1.333333Y	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2016	ALL	402308.9	3781509	6.63E-07	1.333333Y	6.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2017	ALL	402328.9	3781509	6.31E-07	1.333333Y	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2018	ALL	402348.9	3781509	6.05E-07	1.333333Y	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2019	ALL	402368.9	3781509	5.83E-07	1.333333Y	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2020	ALL	402388.9	3781509	5.61E-07	1.333333Y	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2021	ALL	402408.9	3781509	5.40E-07	1.333333Y	5.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2022	ALL	402428.9	3781509	5.16E-07	1.333333Y	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2023	ALL	402448.9	3781509	4.95E-07	1.333333Y	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2024	ALL	402468.9	3781509	4.79E-07	1.333333Y	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2025	ALL	402488.9	3781509	4.61E-07	1.333333Y	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2026	ALL	402508.9	3781509	4.50E-07	1.333333Y	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2027	ALL	401308.9	3781529	2.75E-07	1.333333Y	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2028	ALL	401328.9	3781529	2.89E-07	1.333333Y	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2029	ALL	401348.9	3781529	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2030	ALL	401368.9	3781529	3.21E-07	1.333333Y	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2031	ALL	401388.9	3781529	3.40E-07	1.333333Y	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2032	ALL	401408.9	3781529	3.59E-07	1.333333Y	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2033	ALL	401428.9	3781529	3.81E-07	1.333333Y	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2034	ALL	401448.9	3781529	4.04E-07	1.333333Y	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2035	ALL	401468.9	3781529	4.30E-07	1.333333Y	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2036	ALL	401488.9	3781529	4.58E-07	1.333333Y	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2037	ALL	401508.9	3781529	4.88E-07	1.333333Y	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2038	ALL	401528.9	3781529	5.23E-07	1.333333Y	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2039	ALL	401548.9	3781529	5.57E-07	1.333333Y	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2040	ALL	401568.9	3781529	5.99E-07	1.333333Y	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2041	ALL	401588.9	3781529	6.45E-07	1.333333Y	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2042	ALL	401608.9	3781529	6.94E-07	1.333333Y	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2043	ALL	401628.9	3781529	7.50E-07	1.333333Y	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2044	ALL	401648.9	3781529	8.14E-07	1.333333Y	8.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2045	ALL	401668.9	3781529	8.85E-07	1.333333Y	8.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2046	ALL	401688.9	3781529	9.65E-07	1.333333Y	9.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2047	ALL	401708.9	3781529	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2048	ALL	401728.9	3781529	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2049	ALL	401748.9	3781529	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2050	ALL	401768.9	3781529	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2051	ALL	401788.9	3781529	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2052	ALL	401808.9	3781529	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2053	ALL	401828.9	3781529	1.71E-06	1.333333Y	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2054	ALL	401848.9	3781529	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2055	ALL	401868.9	3781529	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2056	ALL	401888.9	3781529	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2057	ALL	401908.9	3781529	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2058	ALL	401928.9	3781529	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2059	ALL	401948.9	3781529	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2060	ALL	401968.9	3781529	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2061	ALL	401988.9	3781529	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2062	ALL	402008.9	3781529	1.86E-06	1.333333Y	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2063	ALL	402028.9	3781529	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2064	ALL	402048.9	3781529	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2065	ALL	402068.9	3781529	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2066	ALL	402088.9	3781529	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2067	ALL	402108.9	3781529	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2068	ALL	402128.9	3781529	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2069	ALL	402148.9	3781529	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2070	ALL	402168.9	3781529	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2071	ALL	402188.9	3781529	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2072	ALL	402208.9	3781529	9.67E-07	1.333333Y	9.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2073	ALL	402228.9	3781529	9.13E-07	1.333333Y	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2074	ALL	402248.9	3781529	8.61E-07	1.333333Y	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2075	ALL	402268.9	3781529	8.15E-07	1.333333Y	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2076	ALL	402288.9	3781529	7.77E-07	1.333333Y	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2077	ALL	402308.9	3781529	7.39E-07	1.333333Y	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2078	ALL	402328.9	3781529	7.06E-07	1.333333Y	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2079	ALL	402348.9	3781529	6.94E-07	1.333333Y	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2080	ALL	402368.9	3781529	6.57E-07	1.333333Y	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2081	ALL	402388.9	3781529	6.34E-07	1.333333Y	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2082	ALL	402408.9	3781529	6.10E-07	1.333333Y	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2083	ALL	402428.9	3781529	5.89E-07	1.333333Y	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2084	ALL	402448.9	3781529	5.67E-07	1.333333Y	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2085	ALL	402468.9	3781529	5.64E-07	1.333333Y	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2086	ALL	402488.9	3781529	5.43E-07	1.333333Y	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2087	ALL	402508.9	3781529	5.03E-07	1.333333Y	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2088	ALL	401308.9	3781549	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2089	ALL	401328.9	3781549	2.93E-07	1.333333Y	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2090	ALL	401348.9	3781549	3.09E-07	1.333333Y	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2091	ALL	401368.9	3781549	3.27E-07	1.333333Y	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2092	ALL	401388.9	3781549	3.46E-07	1.333333Y	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2093	ALL	401408.9	3781549	3.67E-07	1.333333Y	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2094	ALL	401428.9	3781549	3.90E-07	1.333333Y	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2095	ALL	401448.9	3781549	4.15E-07	1.333333Y	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2096	ALL	401468.9	3781549	4.43E-07	1.333333Y	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2097	ALL	401488.9	3781549	4.73E-07	1.333333Y	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2098	ALL	401508.9	3781549	5.05E-07	1.333333Y	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2099	ALL	401528.9	3781549	5.43E-07	1.333333Y	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2100	ALL	401548.9	3781549	5.82E-07	1.333333Y	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2101	ALL	401568.9	3781549	6.28E-07	1.333333Y	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2102	ALL	401588.9	3781549	6.79E-07	1.333333Y	6.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2103	ALL	401608.9	3781549	7.39E-07	1.333333Y	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2104	ALL	401628.9	3781549	8.04E-07	1.333333Y	8.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2105	ALL	401648.9	3781549	8.76E-07	1.333333Y	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2106	ALL	401668.9	3781549	9.60E-07	1.333333Y	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2107	ALL	401688.9	3781549	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2108	ALL	401708.9	3781549	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2109	ALL	401728.9	3781549	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2110	ALL	401748.9	3781549	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2111	ALL	401768.9	3781549	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2112	ALL	401788.9	3781549	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2113	ALL	401808.9	3781549	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2114	ALL	401828.9	3781549	2.09E-06	1.333333Y	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2115	ALL	401848.9	3781549	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2116	ALL	401868.9	3781549	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2117	ALL	401888.9	3781549	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2118	ALL	401908.9	3781549	2.44E-06	1.333333Y	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2119	ALL	401928.9	3781549	2.46E-06	1.333333Y	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2120	ALL	401948.9	3781549	2.46E-06	1.333333Y	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2121	ALL	401968.9	3781549	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2122	ALL	401988.9	3781549	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2123	ALL	402008.9	3781549	2.29E-06	1.333333Y	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2124	ALL	402028.9	3781549	2.20E-06	1.333333Y	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2125	ALL	402048.9	3781549	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2126	ALL	402068.9	3781549	1.94E-06	1.333333Y	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2127	ALL	402088.9	3781549	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2128	ALL	402108.9	3781549	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2129	ALL	402128.9	3781549	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2130	ALL	402148.9	3781549	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2131	ALL	402168.9	3781549	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2132	ALL	402188.9	3781549	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2133	ALL	402208.9	3781549	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2134	ALL	402228.9	3781549	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2135	ALL	402248.9	3781549	9.66E-07	1.333333Y	9.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2136	ALL	402268.9	3781549	9.24E-07	1.333333Y	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2137	ALL	402288.9	3781549	8.93E-07	1.333333Y	8.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2138	ALL	402308.9	3781549	8.56E-07	1.333333Y	8.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2139	ALL	402328.9	3781549	8.29E-07	1.333333Y	8.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2140	ALL	402348.9	3781549	8.30E-07	1.333333Y	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2141	ALL	402368.9	3781549	7.77E-07	1.333333Y	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2142	ALL	402388.9	3781549	7.62E-07	1.333333Y	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2143	ALL	402408.9	3781549	7.35E-07	1.333333Y	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2144	ALL	402428.9	3781549	7.09E-07	1.333333Y	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2145	ALL	402448.9	3781549	6.81E-07	1.333333Y	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2146	ALL	402468.9	3781549	6.68E-07	1.333333Y	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2147	ALL	402488.9	3781549	6.61E-07	1.333333Y	6.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2148	ALL	402508.9	3781549	6.20E-07	1.333333Y	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2149	ALL	401308.9	3781569	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2150	ALL	401328.9	3781569	2.95E-07	1.333333Y	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2151	ALL	401348.9	3781569	3.12E-07	1.333333Y	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2152	ALL	401368.9	3781569	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2153	ALL	401388.9	3781569	3.51E-07	1.333333Y	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2154	ALL	401408.9	3781569	3.73E-07	1.333333Y	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2155	ALL	401428.9	3781569	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2156	ALL	401448.9	3781569	4.24E-07	1.333333Y	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2157	ALL	401468.9	3781569	4.54E-07	1.333333Y	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2158	ALL	401488.9	3781569	4.86E-07	1.333333Y	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2159	ALL	401508.9	3781569	5.22E-07	1.333333Y	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2160	ALL	401528.9	3781569	5.62E-07	1.333333Y	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2161	ALL	401548.9	3781569	6.05E-07	1.333333Y	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2162	ALL	401568.9	3781569	6.56E-07	1.333333Y	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2163	ALL	401588.9	3781569	7.13E-07	1.333333Y	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2164	ALL	401608.9	3781569	7.78E-07	1.333333Y	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2165	ALL	401628.9	3781569	8.53E-07	1.333333Y	8.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2166	ALL	401648.9	3781569	9.34E-07	1.333333Y	9.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2167	ALL	401668.9	3781569	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2168	ALL	401688.9	3781569	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2169	ALL	401708.9	3781569	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2170	ALL	401728.9	3781569	1.45E-06	1.333333Y	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2171	ALL	401748.9	3781569	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2172	ALL	401768.9	3781569	1.87E-06	1.333333Y	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2173	ALL	401788.9	3781569	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2174	ALL	401808.9	3781569	2.39E-06	1.333333Y	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2175	ALL	401828.9	3781569	2.64E-06	1.333333Y	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2176	ALL	401848.9	3781569	2.84E-06	1.333333Y	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2177	ALL	401868.9	3781569	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2178	ALL	401888.9	3781569	3.10E-06	1.333333Y	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2179	ALL	401908.9	3781569	3.13E-06	1.333333Y	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2180	ALL	401928.9	3781569	3.14E-06	1.333333Y	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2181	ALL	401948.9	3781569	3.15E-06	1.333333Y	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2182	ALL	401968.9	3781569	3.11E-06	1.333333Y	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2183	ALL	401988.9	3781569	3.03E-06	1.333333Y	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2184	ALL	402008.9	3781569	2.91E-06	1.333333Y	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2185	ALL	402028.9	3781569	2.79E-06	1.333333Y	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2186	ALL	402048.9	3781569	2.65E-06	1.333333Y	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2187	ALL	402068.9	3781569	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2188	ALL	402088.9	3781569	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2189	ALL	402108.9	3781569	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2190	ALL	402128.9	3781569	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2191	ALL	402148.9	3781569	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2192	ALL	402168.9	3781569	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2193	ALL	402188.9	3781569	1.37E-06	1.333333Y	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2194	ALL	402208.9	3781569	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2195	ALL	402228.9	3781569	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2196	ALL	402248.9	3781569	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2197	ALL	402268.9	3781569	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2198	ALL	402288.9	3781569	1.12E-06	1.333333Y	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2199	ALL	402308.9	3781569	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2200	ALL	402328.9	3781569	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2201	ALL	402348.9	3781569	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2202	ALL	402368.9	3781569	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2203	ALL	402388.9	3781569	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2204	ALL	402408.9	3781569	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2205	ALL	402428.9	3781569	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2206	ALL	402448.9	3781569	9.71E-07	1.333333Y	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2207	ALL	402468.9	3781569	9.34E-07	1.333333Y	9.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2208	ALL	402488.9	3781569	9.44E-07	1.333333Y	9.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2209	ALL	402508.9	3781569	9.23E-07	1.333333Y	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2210	ALL	401308.9	3781589	2.81E-07	1.333333Y	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2211	ALL	401328.9	3781589	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2212	ALL	401348.9	3781589	3.14E-07	1.333333Y	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2213	ALL	401368.9	3781589	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2214	ALL	401388.9	3781589	3.55E-07	1.333333Y	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2215	ALL	401408.9	3781589	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2216	ALL	401428.9	3781589	4.02E-07	1.333333Y	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2217	ALL	401448.9	3781589	4.31E-07	1.333333Y	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2218	ALL	401468.9	3781589	4.63E-07	1.333333Y	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2219	ALL	401488.9	3781589	4.97E-07	1.333333Y	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2220	ALL	401508.9	3781589	5.37E-07	1.333333Y	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2221	ALL	401528.9	3781589	5.80E-07	1.333333Y	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2222	ALL	401548.9	3781589	6.28E-07	1.333333Y	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2223	ALL	401568.9	3781589	6.83E-07	1.333333Y	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2224	ALL	401588.9	3781589	7.46E-07	1.333333Y	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2225	ALL	401608.9	3781589	8.17E-07	1.333333Y	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2226	ALL	401628.9	3781589	8.99E-07	1.333333Y	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2227	ALL	401648.9	3781589	9.96E-07	1.333333Y	9.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2228	ALL	401668.9	3781589	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2229	ALL	401688.9	3781589	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2230	ALL	401708.9	3781589	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2231	ALL	401728.9	3781589	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2232	ALL	401748.9	3781589	1.88E-06	1.333333Y	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2233	ALL	401768.9	3781589	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2234	ALL	401788.9	3781589	2.68E-06	1.333333Y	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2235	ALL	401808.9	3781589	3.18E-06	1.333333Y	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2236	ALL	401828.9	3781589	3.62E-06	1.333333Y	3.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2237	ALL	401848.9	3781589	3.91E-06	1.333333Y	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2238	ALL	401868.9	3781589	4.08E-06	1.333333Y	4.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2239	ALL	401888.9	3781589	4.25E-06	1.333333Y	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2240	ALL	401908.9	3781589	4.29E-06	1.333333Y	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2241	ALL	401928.9	3781589	4.27E-06	1.333333Y	4.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2242	ALL	401948.9	3781589	4.28E-06	1.333333Y	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2243	ALL	401968.9	3781589	4.23E-06	1.333333Y	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2244	ALL	401988.9	3781589	4.12E-06	1.333333Y	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2245	ALL	402008.9	3781589	3.98E-06	1.333333Y	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2246	ALL	402028.9	3781589	3.79E-06	1.333333Y	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2247	ALL	402048.9	3781589	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2248	ALL	402068.9	3781589	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2249	ALL	402088.9	3781589	2.91E-06	1.333333Y	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2250	ALL	402108.9	3781589	2.52E-06	1.333333Y	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2251	ALL	402128.9	3781589	2.22E-06	1.333333Y	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2252	ALL	402148.9	3781589	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2253	ALL	402168.9	3781589	1.83E-06	1.333333Y	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2254	ALL	402188.9	3781589	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2255	ALL	402208.9	3781589	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2256	ALL	402228.9	3781589	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2257	ALL	402248.9	3781589	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2258	ALL	402268.9	3781589	1.65E-06	1.333333Y	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2259	ALL	402288.9	3781589	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2260	ALL	402308.9	3781589	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2261	ALL	402328.9	3781589	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2262	ALL	402348.9	3781589	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2263	ALL	402368.9	3781589	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2264	ALL	402388.9	3781589	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2265	ALL	402408.9	3781589	1.48E-06	1.333333Y	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2266	ALL	402428.9	3781589	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2267	ALL	402448.9	3781589	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2268	ALL	402468.9	3781589	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2269	ALL	402488.9	3781589	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2270	ALL	402508.9	3781589	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2271	ALL	401308.9	3781609	2.82E-07	1.333333Y	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2272	ALL	401328.9	3781609	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2273	ALL	401348.9	3781609	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2274	ALL	401368.9	3781609	3.36E-07	1.333333Y	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2275	ALL	401388.9	3781609	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2276	ALL	401408.9	3781609	3.79E-07	1.333333Y	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2277	ALL	401428.9	3781609	4.06E-07	1.333333Y	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2278	ALL	401448.9	3781609	4.37E-07	1.333333Y	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2279	ALL	401468.9	3781609	4.70E-07	1.333333Y	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2280	ALL	401488.9	3781609	5.05E-07	1.333333Y	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2281	ALL	401508.9	3781609	5.48E-07	1.333333Y	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2282	ALL	401528.9	3781609	5.95E-07	1.333333Y	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2283	ALL	401548.9	3781609	6.48E-07	1.333333Y	6.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2284	ALL	401568.9	3781609	7.08E-07	1.333333Y	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2285	ALL	401588.9	3781609	7.76E-07	1.333333Y	7.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2286	ALL	401608.9	3781609	8.54E-07	1.333333Y	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2287	ALL	401628.9	3781609	9.46E-07	1.333333Y	9.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2288	ALL	401648.9	3781609	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2289	ALL	401668.9	3781609	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2290	ALL	401688.9	3781609	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2291	ALL	401708.9	3781609	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2292	ALL	401728.9	3781609	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2293	ALL	401748.9	3781609	2.17E-06	1.333333Y	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2294	ALL	401768.9	3781609	2.70E-06	1.333333Y	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2295	ALL	401788.9	3781609	3.53E-06	1.333333Y	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2296	ALL	401808.9	3781609	4.77E-06	1.333333Y	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2297	ALL	401828.9	3781609	5.65E-06	1.333333Y	5.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2298	ALL	401848.9	3781609	6.19E-06	1.333333Y	6.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2299	ALL	401868.9	3781609	6.46E-06	1.333333Y	6.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2300	ALL	401888.9	3781609	6.71E-06	1.333333Y	6.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2301	ALL	401908.9	3781609	6.85E-06	1.333333Y	6.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2302	ALL	401928.9	3781609	6.77E-06	1.333333Y	6.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2303	ALL	401948.9	3781609	6.76E-06	1.333333Y	6.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2304	ALL	401968.9	3781609	6.65E-06	1.333333Y	6.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2305	ALL	401988.9	3781609	6.54E-06	1.333333Y	6.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2306	ALL	402008.9	3781609	6.31E-06	1.333333Y	6.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2307	ALL	402028.9	3781609	6.01E-06	1.333333Y	6.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2308	ALL	402048.9	3781609	5.69E-06	1.333333Y	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2309	ALL	402068.9	3781609	5.26E-06	1.333333Y	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2310	ALL	402088.9	3781609	4.49E-06	1.333333Y	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2311	ALL	402108.9	3781609	3.45E-06	1.333333Y	3.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2312	ALL	402128.9	3781609	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2313	ALL	402148.9	3781609	2.93E-06	1.333333Y	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2314	ALL	402168.9	3781609	2.51E-06	1.333333Y	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2315	ALL	402188.9	3781609	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2316	ALL	402208.9	3781609	2.13E-06	1.333333Y	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2317	ALL	402228.9	3781609	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2318	ALL	402248.9	3781609	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2319	ALL	402268.9	3781609	1.70E-06	1.333333Y	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2320	ALL	402288.9	3781609	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2321	ALL	402308.9	3781609	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2322	ALL	402328.9	3781609	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2323	ALL	402348.9	3781609	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2324	ALL	402368.9	3781609	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2325	ALL	402388.9	3781609	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2326	ALL	402408.9	3781609	9.75E-07	1.333333Y	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2327	ALL	402428.9	3781609	9.42E-07	1.333333Y	9.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2328	ALL	402448.9	3781609	9.17E-07	1.333333Y	9.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2329	ALL	402468.9	3781609	8.90E-07	1.333333Y	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2330	ALL	402488.9	3781609	8.64E-07	1.333333Y	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2331	ALL	402508.9	3781609	8.36E-07	1.333333Y	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2332	ALL	401308.9	3781629	2.81E-07	1.333333Y	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2333	ALL	401328.9	3781629	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2334	ALL	401348.9	3781629	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2335	ALL	401368.9	3781629	3.36E-07	1.333333Y	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2336	ALL	401388.9	3781629	3.57E-07	1.333333Y	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2337	ALL	401408.9	3781629	3.81E-07	1.333333Y	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2338	ALL	401428.9	3781629	4.09E-07	1.333333Y	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2339	ALL	401448.9	3781629	4.40E-07	1.333333Y	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2340	ALL	401468.9	3781629	4.75E-07	1.333333Y	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2341	ALL	401488.9	3781629	5.12E-07	1.333333Y	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2342	ALL	401508.9	3781629	5.59E-07	1.333333Y	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2343	ALL	401528.9	3781629	6.07E-07	1.333333Y	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2344	ALL	401548.9	3781629	6.65E-07	1.333333Y	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2345	ALL	401568.9	3781629	7.29E-07	1.333333Y	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2346	ALL	401588.9	3781629	8.03E-07	1.333333Y	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2347	ALL	401608.9	3781629	8.90E-07	1.333333Y	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2348	ALL	401628.9	3781629	9.90E-07	1.333333Y	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2349	ALL	401648.9	3781629	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2350	ALL	401668.9	3781629	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2351	ALL	401688.9	3781629	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2352	ALL	401708.9	3781629	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2353	ALL	401728.9	3781629	2.01E-06	1.333333Y	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2354	ALL	401748.9	3781629	2.48E-06	1.333333Y	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2355	ALL	401768.9	3781629	3.23E-06	1.333333Y	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2356	ALL	401788.9	3781629	4.86E-06	1.333333Y	4.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2357	ALL	402128.9	3781629	3.75E-06	1.333333Y	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2358	ALL	402148.9	3781629	2.73E-06	1.333333Y	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2359	ALL	402168.9	3781629	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2360	ALL	402188.9	3781629	1.98E-06	1.333333Y	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2361	ALL	402208.9	3781629	1.78E-06	1.333333Y	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2362	ALL	402228.9	3781629	1.59E-06	1.333333Y	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2363	ALL	402248.9	3781629	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2364	ALL	402268.9	3781629	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2365	ALL	402288.9	3781629	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2366	ALL	402308.9	3781629	9.31E-07	1.333333Y	9.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2367	ALL	402328.9	3781629	8.72E-07	1.333333Y	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2368	ALL	402348.9	3781629	8.93E-07	1.333333Y	8.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2369	ALL	402368.9	3781629	8.47E-07	1.333333Y	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2370	ALL	402388.9	3781629	7.73E-07	1.333333Y	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2371	ALL	402408.9	3781629	7.32E-07	1.333333Y	7.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2372	ALL	402428.9	3781629	7.37E-07	1.333333Y	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2373	ALL	402448.9	3781629	7.13E-07	1.333333Y	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2374	ALL	402468.9	3781629	6.88E-07	1.333333Y	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2375	ALL	402488.9	3781629	6.66E-07	1.333333Y	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2376	ALL	402508.9	3781629	6.43E-07	1.333333Y	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2377	ALL	401308.9	3781649	2.80E-07	1.333333Y	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2378	ALL	401328.9	3781649	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2379	ALL	401348.9	3781649	3.14E-07	1.333333Y	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2380	ALL	401368.9	3781649	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2381	ALL	401388.9	3781649	3.57E-07	1.333333Y	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2382	ALL	401408.9	3781649	3.82E-07	1.333333Y	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2383	ALL	401428.9	3781649	4.11E-07	1.333333Y	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2384	ALL	401448.9	3781649	4.42E-07	1.333333Y	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2385	ALL	401468.9	3781649	4.78E-07	1.333333Y	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2386	ALL	401488.9	3781649	5.19E-07	1.333333Y	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2387	ALL	401508.9	3781649	5.65E-07	1.333333Y	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2388	ALL	401528.9	3781649	6.18E-07	1.333333Y	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2389	ALL	401548.9	3781649	6.78E-07	1.333333Y	6.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2390	ALL	401568.9	3781649	7.46E-07	1.333333Y	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2391	ALL	401588.9	3781649	8.25E-07	1.333333Y	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2392	ALL	401608.9	3781649	9.18E-07	1.333333Y	9.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2393	ALL	401628.9	3781649	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2394	ALL	401648.9	3781649	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2395	ALL	401668.9	3781649	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2396	ALL	401688.9	3781649	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2397	ALL	401708.9	3781649	1.81E-06	1.333333Y	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2398	ALL	401728.9	3781649	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2399	ALL	401748.9	3781649	2.74E-06	1.333333Y	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400	ALL	401768.9	3781649	3.68E-06	1.333333Y	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2401	ALL	401788.9	3781649	5.79E-06	1.333333Y	5.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2402	ALL	402108.9	3781649	5.22E-06	1.333333Y	5.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2403	ALL	402128.9	3781649	3.47E-06	1.333333Y	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404	ALL	402148.9	3781649	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2405	ALL	402168.9	3781649	2.10E-06	1.333333Y	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2406	ALL	402188.9	3781649	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2407	ALL	402208.9	3781649	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2408	ALL	402228.9	3781649	1.40E-06	1.333333Y	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2409	ALL	402248.9	3781649	1.25E-06	1.333333Y	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2410	ALL	402268.9	3781649	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2411	ALL	402288.9	3781649	9.79E-07	1.333333Y	9.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2412	ALL	402308.9	3781649	8.98E-07	1.333333Y	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2413	ALL	402328.9	3781649	8.51E-07	1.333333Y	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2414	ALL	402348.9	3781649	8.18E-07	1.333333Y	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2415	ALL	402368.9	3781649	7.71E-07	1.333333Y	7.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2416	ALL	402388.9	3781649	7.01E-07	1.333333Y	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2417	ALL	402408.9	3781649	6.58E-07	1.333333Y	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2418	ALL	402428.9	3781649	6.49E-07	1.333333Y	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2419	ALL	402448.9	3781649	6.23E-07	1.333333Y	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2420	ALL	402468.9	3781649	6.03E-07	1.333333Y	6.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2421	ALL	402488.9	3781649	5.83E-07	1.333333Y	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2422	ALL	402508.9	3781649	5.65E-07	1.333333Y	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2423	ALL	401308.9	3781669	2.77E-07	1.333333Y	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2424	ALL	401328.9	3781669	2.93E-07	1.333333Y	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2425	ALL	401348.9	3781669	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2426	ALL	401368.9	3781669	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2427	ALL	401388.9	3781669	3.54E-07	1.333333Y	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2428	ALL	401408.9	3781669	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2429	ALL	401428.9	3781669	4.09E-07	1.333333Y	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2430	ALL	401448.9	3781669	4.41E-07	1.333333Y	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2431	ALL	401468.9	3781669	4.79E-07	1.333333Y	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2432	ALL	401488.9	3781669	5.21E-07	1.333333Y	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2433	ALL	401508.9	3781669	5.70E-07	1.333333Y	5.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2434	ALL	401528.9	3781669	6.23E-07	1.333333Y	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2435	ALL	401548.9	3781669	6.87E-07	1.333333Y	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2436	ALL	401568.9	3781669	7.57E-07	1.333333Y	7.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2437	ALL	401588.9	3781669	8.41E-07	1.333333Y	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2438	ALL	401608.9	3781669	9.39E-07	1.333333Y	9.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2439	ALL	401628.9	3781669	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2440	ALL	401648.9	3781669	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2441	ALL	401668.9	3781669	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2442	ALL	401688.9	3781669	1.61E-06	1.333333Y	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2443	ALL	401708.9	3781669	1.91E-06	1.333333Y	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2444	ALL	401728.9	3781669	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2445	ALL	401748.9	3781669	2.96E-06	1.333333Y	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2446	ALL	401768.9	3781669	4.02E-06	1.333333Y	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2447	ALL	401788.9	3781669	6.33E-06	1.333333Y	6.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2448	ALL	402108.9	3781669	5.01E-06	1.333333Y	5.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2449	ALL	402128.9	3781669	3.34E-06	1.333333Y	3.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2450	ALL	402148.9	3781669	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2451	ALL	402168.9	3781669	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2452	ALL	402188.9	3781669	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2453	ALL	402208.9	3781669	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2454	ALL	402228.9	3781669	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2455	ALL	402248.9	3781669	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2456	ALL	402268.9	3781669	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2457	ALL	402288.9	3781669	9.75E-07	1.333333Y	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2458	ALL	402308.9	3781669	8.92E-07	1.333333Y	8.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2459	ALL	402328.9	3781669	8.23E-07	1.333333Y	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2460	ALL	402348.9	3781669	7.75E-07	1.333333Y	7.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2461	ALL	402368.9	3781669	7.29E-07	1.333333Y	7.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2462	ALL	402388.9	3781669	6.81E-07	1.333333Y	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2463	ALL	402408.9	3781669	6.34E-07	1.333333Y	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2464	ALL	402428.9	3781669	6.09E-07	1.333333Y	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2465	ALL	402448.9	3781669	5.82E-07	1.333333Y	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2466	ALL	402468.9	3781669	5.58E-07	1.333333Y	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2467	ALL	402488.9	3781669	5.36E-07	1.333333Y	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2468	ALL	402508.9	3781669	5.18E-07	1.333333Y	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2469	ALL	401308.9	3781689	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2470	ALL	401328.9	3781689	2.92E-07	1.333333Y	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2471	ALL	401348.9	3781689	3.10E-07	1.333333Y	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2472	ALL	401368.9	3781689	3.29E-07	1.333333Y	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2473	ALL	401388.9	3781689	3.53E-07	1.333333Y	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2474	ALL	401408.9	3781689	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2475	ALL	401428.9	3781689	4.10E-07	1.333333Y	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2476	ALL	401448.9	3781689	4.43E-07	1.333333Y	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2477	ALL	401468.9	3781689	4.81E-07	1.333333Y	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2478	ALL	401488.9	3781689	5.24E-07	1.333333Y	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2479	ALL	401508.9	3781689	5.74E-07	1.333333Y	5.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2480	ALL	401528.9	3781689	6.29E-07	1.333333Y	6.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2481	ALL	401548.9	3781689	6.93E-07	1.333333Y	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2482	ALL	401568.9	3781689	7.67E-07	1.333333Y	7.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2483	ALL	401588.9	3781689	8.54E-07	1.333333Y	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2484	ALL	401608.9	3781689	9.56E-07	1.333333Y	9.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2485	ALL	401628.9	3781689	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2486	ALL	401648.9	3781689	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2487	ALL	401668.9	3781689	1.42E-06	1.333333Y	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2488	ALL	401688.9	3781689	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2489	ALL	401708.9	3781689	1.99E-06	1.333333Y	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2490	ALL	401728.9	3781689	2.43E-06	1.333333Y	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2491	ALL	401748.9	3781689	3.09E-06	1.333333Y	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2492	ALL	401768.9	3781689	4.21E-06	1.333333Y	4.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2493	ALL	401788.9	3781689	6.62E-06	1.333333Y	6.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2494	ALL	402088.9	3781689	6.93E-06	1.333333Y	6.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2495	ALL	402108.9	3781689	4.44E-06	1.333333Y	4.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2496	ALL	402128.9	3781689	3.21E-06	1.333333Y	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2497	ALL	402148.9	3781689	2.53E-06	1.333333Y	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2498	ALL	402168.9	3781689	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2499	ALL	402188.9	3781689	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2500	ALL	402208.9	3781689	1.51E-06	1.333333Y	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2501	ALL	402228.9	3781689	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2502	ALL	402248.9	3781689	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2503	ALL	402268.9	3781689	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2504	ALL	402288.9	3781689	9.85E-07	1.333333Y	9.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2505	ALL	402308.9	3781689	8.98E-07	1.333333Y	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2506	ALL	402328.9	3781689	8.17E-07	1.333333Y	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2507	ALL	402348.9	3781689	7.52E-07	1.333333Y	7.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2508	ALL	402368.9	3781689	7.06E-07	1.333333Y	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2509	ALL	402388.9	3781689	6.58E-07	1.333333Y	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2510	ALL	402408.9	3781689	6.19E-07	1.333333Y	6.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2511	ALL	402428.9	3781689	5.87E-07	1.333333Y	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2512	ALL	402448.9	3781689	5.58E-07	1.333333Y	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2513	ALL	402468.9	3781689	5.33E-07	1.333333Y	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2514	ALL	402488.9	3781689	5.10E-07	1.333333Y	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2515	ALL	402508.9	3781689	4.90E-07	1.333333Y	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2516	ALL	401308.9	3781709	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2517	ALL	401328.9	3781709	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2518	ALL	401348.9	3781709	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2519	ALL	401368.9	3781709	3.17E-07	1.333333Y	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2520	ALL	401388.9	3781709	3.41E-07	1.333333Y	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2521	ALL	401408.9	3781709	3.67E-07	1.333333Y	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2522	ALL	401428.9	3781709	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2523	ALL	401448.9	3781709	4.31E-07	1.333333Y	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2524	ALL	401468.9	3781709	4.69E-07	1.333333Y	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2525	ALL	401488.9	3781709	5.13E-07	1.333333Y	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2526	ALL	401508.9	3781709	5.63E-07	1.333333Y	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2527	ALL	401528.9	3781709	6.26E-07	1.333333Y	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2528	ALL	401548.9	3781709	6.95E-07	1.333333Y	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2529	ALL	401568.9	3781709	7.71E-07	1.333333Y	7.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2530	ALL	401588.9	3781709	8.61E-07	1.333333Y	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2531	ALL	401608.9	3781709	9.64E-07	1.333333Y	9.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2532	ALL	401628.9	3781709	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2533	ALL	401648.9	3781709	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2534	ALL	401668.9	3781709	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2535	ALL	401688.9	3781709	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2536	ALL	401708.9	3781709	2.02E-06	1.333333Y	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2537	ALL	401728.9	3781709	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2538	ALL	401748.9	3781709	3.15E-06	1.333333Y	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2539	ALL	401768.9	3781709	4.28E-06	1.333333Y	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2540	ALL	401788.9	3781709	6.78E-06	1.333333Y	6.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2541	ALL	402088.9	3781709	5.87E-06	1.333333Y	5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2542	ALL	402108.9	3781709	4.05E-06	1.333333Y	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2543	ALL	402128.9	3781709	3.09E-06	1.333333Y	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2544	ALL	402148.9	3781709	2.49E-06	1.333333Y	2.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2545	ALL	402168.9	3781709	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2546	ALL	402188.9	3781709	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2547	ALL	402208.9	3781709	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2548	ALL	402228.9	3781709	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2549	ALL	402248.9	3781709	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2550	ALL	402268.9	3781709	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2551	ALL	402288.9	3781709	9.97E-07	1.333333Y	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2552	ALL	402308.9	3781709	9.14E-07	1.333333Y	9.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2553	ALL	402328.9	3781709	8.33E-07	1.333333Y	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2554	ALL	402348.9	3781709	7.44E-07	1.333333Y	7.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2555	ALL	402368.9	3781709	6.91E-07	1.333333Y	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2556	ALL	402388.9	3781709	6.49E-07	1.333333Y	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2557	ALL	402408.9	3781709	6.09E-07	1.333333Y	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2558	ALL	402428.9	3781709	5.75E-07	1.333333Y	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2559	ALL	402448.9	3781709	5.45E-07	1.333333Y	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2560	ALL	402468.9	3781709	5.18E-07	1.333333Y	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2561	ALL	402488.9	3781709	4.95E-07	1.333333Y	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2562	ALL	402508.9	3781709	4.74E-07	1.333333Y	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2563	ALL	401308.9	3781729	2.62E-07	1.333333Y	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2564	ALL	401328.9	3781729	2.77E-07	1.333333Y	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2565	ALL	401348.9	3781729	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2566	ALL	401368.9	3781729	3.16E-07	1.333333Y	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2567	ALL	401388.9	3781729	3.39E-07	1.333333Y	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2568	ALL	401408.9	3781729	3.66E-07	1.333333Y	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2569	ALL	401428.9	3781729	3.96E-07	1.333333Y	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2570	ALL	401448.9	3781729	4.29E-07	1.333333Y	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2571	ALL	401468.9	3781729	4.68E-07	1.333333Y	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2572	ALL	401488.9	3781729	5.11E-07	1.333333Y	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2573	ALL	401508.9	3781729	5.63E-07	1.333333Y	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2574	ALL	401528.9	3781729	6.26E-07	1.333333Y	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2575	ALL	401548.9	3781729	6.94E-07	1.333333Y	6.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2576	ALL	401568.9	3781729	7.70E-07	1.333333Y	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577	ALL	401588.9	3781729	8.61E-07	1.333333Y	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2578	ALL	401608.9	3781729	9.63E-07	1.333333Y	9.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2579	ALL	401628.9	3781729	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2580	ALL	401648.9	3781729	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2581	ALL	401668.9	3781729	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2582	ALL	401688.9	3781729	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2583	ALL	401708.9	3781729	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2584	ALL	401728.9	3781729	2.50E-06	1.333333Y	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2585	ALL	401748.9	3781729	3.17E-06	1.333333Y	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2586	ALL	401768.9	3781729	4.32E-06	1.333333Y	4.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2587	ALL	401788.9	3781729	6.84E-06	1.333333Y	6.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2588	ALL	402088.9	3781729	5.08E-06	1.333333Y	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2589	ALL	402108.9	3781729	3.72E-06	1.333333Y	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2590	ALL	402128.9	3781729	2.93E-06	1.333333Y	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2591	ALL	402148.9	3781729	2.42E-06	1.333333Y	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2592	ALL	402168.9	3781729	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2593	ALL	402188.9	3781729	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2594	ALL	402208.9	3781729	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2595	ALL	402228.9	3781729	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2596	ALL	402248.9	3781729	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2597	ALL	402268.9	3781729	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2598	ALL	402288.9	3781729	9.91E-07	1.333333Y	9.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2599	ALL	402308.9	3781729	9.27E-07	1.333333Y	9.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600	ALL	402328.9	3781729	8.29E-07	1.333333Y	8.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2601	ALL	402348.9	3781729	7.53E-07	1.333333Y	7.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2602	ALL	402368.9	3781729	6.87E-07	1.333333Y	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2603	ALL	402388.9	3781729	6.46E-07	1.333333Y	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2604	ALL	402408.9	3781729	6.02E-07	1.333333Y	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2605	ALL	402428.9	3781729	5.69E-07	1.333333Y	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2606	ALL	402448.9	3781729	5.39E-07	1.333333Y	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2607	ALL	402468.9	3781729	5.12E-07	1.333333Y	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2608	ALL	402488.9	3781729	4.87E-07	1.333333Y	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2609	ALL	402508.9	3781729	4.65E-07	1.333333Y	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2610	ALL	401308.9	3781749	2.57E-07	1.333333Y	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2611	ALL	401328.9	3781749	2.73E-07	1.333333Y	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2612	ALL	401348.9	3781749	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2613	ALL	401368.9	3781749	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2614	ALL	401388.9	3781749	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2615	ALL	401408.9	3781749	3.60E-07	1.333333Y	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2616	ALL	401428.9	3781749	3.89E-07	1.333333Y	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2617	ALL	401448.9	3781749	4.25E-07	1.333333Y	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2618	ALL	401468.9	3781749	4.61E-07	1.333333Y	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2619	ALL	401488.9	3781749	5.04E-07	1.333333Y	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2620	ALL	401508.9	3781749	5.56E-07	1.333333Y	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2621	ALL	401528.9	3781749	6.18E-07	1.333333Y	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2622	ALL	401548.9	3781749	6.88E-07	1.333333Y	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2623	ALL	401568.9	3781749	7.62E-07	1.333333Y	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2624	ALL	401588.9	3781749	8.52E-07	1.333333Y	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2625	ALL	401608.9	3781749	9.50E-07	1.333333Y	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2626	ALL	401628.9	3781749	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2627	ALL	401648.9	3781749	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2628	ALL	401668.9	3781749	1.42E-06	1.333333Y	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2629	ALL	401688.9	3781749	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2630	ALL	401708.9	3781749	2.00E-06	1.333333Y	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2631	ALL	401728.9	3781749	2.46E-06	1.333333Y	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2632	ALL	401748.9	3781749	3.12E-06	1.333333Y	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2633	ALL	401768.9	3781749	4.27E-06	1.333333Y	4.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2634	ALL	401788.9	3781749	6.81E-06	1.333333Y	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2635	ALL	402068.9	3781749	6.84E-06	1.333333Y	6.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2636	ALL	402088.9	3781749	4.54E-06	1.333333Y	4.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2637	ALL	402108.9	3781749	3.46E-06	1.333333Y	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2638	ALL	402128.9	3781749	2.79E-06	1.333333Y	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2639	ALL	402148.9	3781749	2.31E-06	1.333333Y	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2640	ALL	402168.9	3781749	1.96E-06	1.333333Y	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2641	ALL	402188.9	3781749	1.69E-06	1.333333Y	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2642	ALL	402208.9	3781749	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2643	ALL	402228.9	3781749	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2644	ALL	402248.9	3781749	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2645	ALL	402268.9	3781749	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2646	ALL	402288.9	3781749	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2647	ALL	402308.9	3781749	9.33E-07	1.333333Y	9.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2648	ALL	402328.9	3781749	8.60E-07	1.333333Y	8.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2649	ALL	402348.9	3781749	7.65E-07	1.333333Y	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2650	ALL	402368.9	3781749	7.02E-07	1.333333Y	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2651	ALL	402388.9	3781749	6.51E-07	1.333333Y	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2652	ALL	402408.9	3781749	6.08E-07	1.333333Y	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2653	ALL	402428.9	3781749	5.71E-07	1.333333Y	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2654	ALL	402448.9	3781749	5.48E-07	1.333333Y	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2655	ALL	402468.9	3781749	5.11E-07	1.333333Y	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2656	ALL	402488.9	3781749	4.88E-07	1.333333Y	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2657	ALL	402508.9	3781749	4.63E-07	1.333333Y	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2658	ALL	401308.9	3781769	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2659	ALL	401328.9	3781769	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2660	ALL	401348.9	3781769	2.85E-07	1.333333Y	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2661	ALL	401368.9	3781769	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2662	ALL	401388.9	3781769	3.28E-07	1.333333Y	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2663	ALL	401408.9	3781769	3.52E-07	1.333333Y	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2664	ALL	401428.9	3781769	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2665	ALL	401448.9	3781769	4.14E-07	1.333333Y	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2666	ALL	401468.9	3781769	4.50E-07	1.333333Y	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2667	ALL	401488.9	3781769	4.91E-07	1.333333Y	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2668	ALL	401508.9	3781769	5.44E-07	1.333333Y	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2669	ALL	401528.9	3781769	6.09E-07	1.333333Y	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2670	ALL	401548.9	3781769	6.75E-07	1.333333Y	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2671	ALL	401568.9	3781769	7.50E-07	1.333333Y	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2672	ALL	401588.9	3781769	8.35E-07	1.333333Y	8.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2673	ALL	401608.9	3781769	9.35E-07	1.333333Y	9.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2674	ALL	401628.9	3781769	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2675	ALL	401648.9	3781769	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2676	ALL	401668.9	3781769	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2677	ALL	401688.9	3781769	1.63E-06	1.333333Y	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2678	ALL	401708.9	3781769	1.95E-06	1.333333Y	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2679	ALL	401728.9	3781769	2.39E-06	1.333333Y	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2680	ALL	401748.9	3781769	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2681	ALL	401768.9	3781769	4.19E-06	1.333333Y	4.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2682	ALL	401788.9	3781769	6.74E-06	1.333333Y	6.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2683	ALL	402068.9	3781769	5.86E-06	1.333333Y	5.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2684	ALL	402088.9	3781769	4.10E-06	1.333333Y	4.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2685	ALL	402108.9	3781769	3.22E-06	1.333333Y	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2686	ALL	402128.9	3781769	2.57E-06	1.333333Y	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2687	ALL	402148.9	3781769	2.15E-06	1.333333Y	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2688	ALL	402168.9	3781769	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2689	ALL	402188.9	3781769	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2690	ALL	402208.9	3781769	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2691	ALL	402228.9	3781769	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2692	ALL	402248.9	3781769	1.19E-06	1.333333Y	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2693	ALL	402268.9	3781769	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2694	ALL	402288.9	3781769	1.00E-06	1.333333Y	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2695	ALL	402308.9	3781769	9.29E-07	1.333333Y	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2696	ALL	402328.9	3781769	8.60E-07	1.333333Y	8.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2697	ALL	402348.9	3781769	7.99E-07	1.333333Y	7.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2698	ALL	402368.9	3781769	7.33E-07	1.333333Y	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2699	ALL	402388.9	3781769	6.73E-07	1.333333Y	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2700	ALL	402408.9	3781769	6.30E-07	1.333333Y	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2701	ALL	402428.9	3781769	5.92E-07	1.333333Y	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2702	ALL	402448.9	3781769	5.48E-07	1.333333Y	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2703	ALL	402468.9	3781769	5.13E-07	1.333333Y	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2704	ALL	402488.9	3781769	4.87E-07	1.333333Y	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2705	ALL	402508.9	3781769	4.62E-07	1.333333Y	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2706	ALL	401308.9	3781789	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2707	ALL	401328.9	3781789	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2708	ALL	401348.9	3781789	2.62E-07	1.333333Y	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2709	ALL	401368.9	3781789	2.83E-07	1.333333Y	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2710	ALL	401388.9	3781789	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2711	ALL	401408.9	3781789	3.31E-07	1.333333Y	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2712	ALL	401428.9	3781789	3.54E-07	1.333333Y	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2713	ALL	401448.9	3781789	3.90E-07	1.333333Y	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2714	ALL	401468.9	3781789	4.26E-07	1.333333Y	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2715	ALL	401488.9	3781789	4.65E-07	1.333333Y	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2716	ALL	401508.9	3781789	5.17E-07	1.333333Y	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2717	ALL	401528.9	3781789	5.86E-07	1.333333Y	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2718	ALL	401548.9	3781789	6.56E-07	1.333333Y	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2719	ALL	401568.9	3781789	7.30E-07	1.333333Y	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2720	ALL	401588.9	3781789	8.08E-07	1.333333Y	8.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2721	ALL	401608.9	3781789	9.02E-07	1.333333Y	9.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2722	ALL	401628.9	3781789	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2723	ALL	401648.9	3781789	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2724	ALL	401668.9	3781789	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2725	ALL	401688.9	3781789	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2726	ALL	401708.9	3781789	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2727	ALL	401728.9	3781789	2.21E-06	1.333333Y	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2728	ALL	401748.9	3781789	2.74E-06	1.333333Y	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2729	ALL	401768.9	3781789	4.01E-06	1.333333Y	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2730	ALL	401788.9	3781789	6.56E-06	1.333333Y	6.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2731	ALL	402068.9	3781789	5.18E-06	1.333333Y	5.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2732	ALL	402088.9	3781789	3.75E-06	1.333333Y	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2733	ALL	402108.9	3781789	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2734	ALL	402128.9	3781789	2.40E-06	1.333333Y	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2735	ALL	402148.9	3781789	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2736	ALL	402168.9	3781789	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2737	ALL	402188.9	3781789	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2738	ALL	402208.9	3781789	1.38E-06	1.333333Y	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2739	ALL	402228.9	3781789	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2740	ALL	402248.9	3781789	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2741	ALL	402268.9	3781789	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2742	ALL	402288.9	3781789	9.90E-07	1.333333Y	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2743	ALL	402308.9	3781789	9.16E-07	1.333333Y	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2744	ALL	402328.9	3781789	8.51E-07	1.333333Y	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2745	ALL	402348.9	3781789	7.95E-07	1.333333Y	7.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2746	ALL	402368.9	3781789	7.31E-07	1.333333Y	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2747	ALL	402388.9	3781789	6.65E-07	1.333333Y	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2748	ALL	402408.9	3781789	6.24E-07	1.333333Y	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2749	ALL	402428.9	3781789	5.86E-07	1.333333Y	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2750	ALL	402448.9	3781789	5.47E-07	1.333333Y	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2751	ALL	402468.9	3781789	5.15E-07	1.333333Y	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2752	ALL	402488.9	3781789	4.94E-07	1.333333Y	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2753	ALL	402508.9	3781789	4.70E-07	1.333333Y	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2754	ALL	401308.9	3781809	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2755	ALL	401328.9	3781809	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2756	ALL	401348.9	3781809	2.53E-07	1.333333Y	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2757	ALL	401368.9	3781809	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2758	ALL	401388.9	3781809	2.89E-07	1.333333Y	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2759	ALL	401408.9	3781809	3.12E-07	1.333333Y	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2760	ALL	401428.9	3781809	3.40E-07	1.333333Y	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2761	ALL	401448.9	3781809	3.73E-07	1.333333Y	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2762	ALL	401468.9	3781809	4.08E-07	1.333333Y	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2763	ALL	401488.9	3781809	4.47E-07	1.333333Y	4.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2764	ALL	401508.9	3781809	4.95E-07	1.333333Y	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2765	ALL	401528.9	3781809	5.66E-07	1.333333Y	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2766	ALL	401548.9	3781809	6.33E-07	1.333333Y	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2767	ALL	401568.9	3781809	6.97E-07	1.333333Y	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2768	ALL	401588.9	3781809	7.73E-07	1.333333Y	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2769	ALL	401608.9	3781809	8.63E-07	1.333333Y	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2770	ALL	401628.9	3781809	9.58E-07	1.333333Y	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2771	ALL	401648.9	3781809	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2772	ALL	401668.9	3781809	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2773	ALL	401688.9	3781809	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2774	ALL	401708.9	3781809	1.60E-06	1.333333Y	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2775	ALL	401728.9	3781809	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2776	ALL	401748.9	3781809	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2777	ALL	401768.9	3781809	3.55E-06	1.333333Y	3.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2778	ALL	401788.9	3781809	6.26E-06	1.333333Y	6.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2779	ALL	402068.9	3781809	4.62E-06	1.333333Y	4.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2780	ALL	402088.9	3781809	3.33E-06	1.333333Y	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2781	ALL	402108.9	3781809	2.71E-06	1.333333Y	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2782	ALL	402128.9	3781809	2.26E-06	1.333333Y	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2783	ALL	402148.9	3781809	1.90E-06	1.333333Y	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2784	ALL	402168.9	3781809	1.66E-06	1.333333Y	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2785	ALL	402188.9	3781809	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2786	ALL	402208.9	3781809	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2787	ALL	402228.9	3781809	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2788	ALL	402248.9	3781809	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2789	ALL	402268.9	3781809	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2790	ALL	402288.9	3781809	9.63E-07	1.333333Y	9.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2791	ALL	402308.9	3781809	8.96E-07	1.333333Y	8.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2792	ALL	402328.9	3781809	8.36E-07	1.333333Y	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2793	ALL	402348.9	3781809	7.85E-07	1.333333Y	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2794	ALL	402368.9	3781809	7.19E-07	1.333333Y	7.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2795	ALL	402388.9	3781809	6.55E-07	1.333333Y	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2796	ALL	402408.9	3781809	6.16E-07	1.333333Y	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2797	ALL	402428.9	3781809	5.83E-07	1.333333Y	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2798	ALL	402448.9	3781809	5.51E-07	1.333333Y	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2799	ALL	402468.9	3781809	5.17E-07	1.333333Y	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2800	ALL	402488.9	3781809	4.99E-07	1.333333Y	4.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2801	ALL	402508.9	3781809	4.76E-07	1.333333Y	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2802	ALL	401308.9	3781829	2.19E-07	1.333333Y	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2803	ALL	401328.9	3781829	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2804	ALL	401348.9	3781829	2.48E-07	1.333333Y	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2805	ALL	401368.9	3781829	2.65E-07	1.333333Y	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2806	ALL	401388.9	3781829	2.84E-07	1.333333Y	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2807	ALL	401408.9	3781829	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2808	ALL	401428.9	3781829	3.30E-07	1.333333Y	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2809	ALL	401448.9	3781829	3.61E-07	1.333333Y	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2810	ALL	401468.9	3781829	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2811	ALL	401488.9	3781829	4.38E-07	1.333333Y	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2812	ALL	401508.9	3781829	4.85E-07	1.333333Y	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2813	ALL	401528.9	3781829	5.43E-07	1.333333Y	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2814	ALL	401548.9	3781829	6.06E-07	1.333333Y	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2815	ALL	401568.9	3781829	6.73E-07	1.333333Y	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2816	ALL	401588.9	3781829	7.37E-07	1.333333Y	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2817	ALL	401608.9	3781829	7.77E-07	1.333333Y	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2818	ALL	401628.9	3781829	8.35E-07	1.333333Y	8.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2819	ALL	401648.9	3781829	9.49E-07	1.333333Y	9.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2820	ALL	401668.9	3781829	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2821	ALL	401688.9	3781829	1.29E-06	1.333333Y	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2822	ALL	401708.9	3781829	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2823	ALL	401728.9	3781829	1.89E-06	1.333333Y	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2824	ALL	401748.9	3781829	2.47E-06	1.333333Y	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2825	ALL	401768.9	3781829	3.37E-06	1.333333Y	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2826	ALL	401788.9	3781829	5.83E-06	1.333333Y	5.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2827	ALL	402068.9	3781829	3.73E-06	1.333333Y	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2828	ALL	402088.9	3781829	2.85E-06	1.333333Y	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2829	ALL	402108.9	3781829	2.41E-06	1.333333Y	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2830	ALL	402128.9	3781829	2.07E-06	1.333333Y	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2831	ALL	402148.9	3781829	1.79E-06	1.333333Y	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2832	ALL	402168.9	3781829	1.56E-06	1.333333Y	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2833	ALL	402188.9	3781829	1.39E-06	1.333333Y	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2834	ALL	402208.9	3781829	1.26E-06	1.333333Y	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2835	ALL	402228.9	3781829	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2836	ALL	402248.9	3781829	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2837	ALL	402268.9	3781829	9.99E-07	1.333333Y	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2838	ALL	402288.9	3781829	9.30E-07	1.333333Y	9.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2839	ALL	402308.9	3781829	8.68E-07	1.333333Y	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2840	ALL	402328.9	3781829	8.12E-07	1.333333Y	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2841	ALL	402348.9	3781829	7.64E-07	1.333333Y	7.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2842	ALL	402368.9	3781829	7.25E-07	1.333333Y	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2843	ALL	402388.9	3781829	6.53E-07	1.333333Y	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2844	ALL	402408.9	3781829	6.11E-07	1.333333Y	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2845	ALL	402428.9	3781829	5.86E-07	1.333333Y	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2846	ALL	402448.9	3781829	5.55E-07	1.333333Y	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2847	ALL	402468.9	3781829	5.22E-07	1.333333Y	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2848	ALL	402488.9	3781829	5.02E-07	1.333333Y	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2849	ALL	402508.9	3781829	4.78E-07	1.333333Y	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2850	ALL	401308.9	3781849	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2851	ALL	401328.9	3781849	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2852	ALL	401348.9	3781849	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2853	ALL	401368.9	3781849	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2854	ALL	401388.9	3781849	2.70E-07	1.333333Y	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2855	ALL	401408.9	3781849	2.90E-07	1.333333Y	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2856	ALL	401428.9	3781849	3.14E-07	1.333333Y	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2857	ALL	401448.9	3781849	3.42E-07	1.333333Y	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2858	ALL	401468.9	3781849	3.72E-07	1.333333Y	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2859	ALL	401488.9	3781849	4.16E-07	1.333333Y	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2860	ALL	401508.9	3781849	4.57E-07	1.333333Y	4.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2861	ALL	401528.9	3781849	5.12E-07	1.333333Y	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2862	ALL	401548.9	3781849	5.75E-07	1.333333Y	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2863	ALL	401568.9	3781849	6.14E-07	1.333333Y	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2864	ALL	401588.9	3781849	6.45E-07	1.333333Y	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2865	ALL	401608.9	3781849	7.12E-07	1.333333Y	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2866	ALL	401628.9	3781849	8.03E-07	1.333333Y	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2867	ALL	401648.9	3781849	9.15E-07	1.333333Y	9.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2868	ALL	401668.9	3781849	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2869	ALL	401688.9	3781849	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2870	ALL	401708.9	3781849	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2871	ALL	401728.9	3781849	1.76E-06	1.333333Y	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2872	ALL	401748.9	3781849	2.23E-06	1.333333Y	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2873	ALL	401768.9	3781849	3.04E-06	1.333333Y	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2874	ALL	401788.9	3781849	5.18E-06	1.333333Y	5.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2875	ALL	401908.9	3781849	6.32E-06	1.333333Y	6.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2876	ALL	401928.9	3781849	5.04E-06	1.333333Y	5.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2877	ALL	401948.9	3781849	4.46E-06	1.333333Y	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2878	ALL	401968.9	3781849	4.24E-06	1.333333Y	4.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2879	ALL	401988.9	3781849	4.12E-06	1.333333Y	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2880	ALL	402008.9	3781849	3.96E-06	1.333333Y	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2881	ALL	402028.9	3781849	3.64E-06	1.333333Y	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2882	ALL	402048.9	3781849	3.32E-06	1.333333Y	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2883	ALL	402068.9	3781849	2.77E-06	1.333333Y	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2884	ALL	402088.9	3781849	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2885	ALL	402108.9	3781849	2.04E-06	1.333333Y	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2886	ALL	402128.9	3781849	1.84E-06	1.333333Y	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2887	ALL	402148.9	3781849	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2888	ALL	402168.9	3781849	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2889	ALL	402188.9	3781849	1.31E-06	1.333333Y	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2890	ALL	402208.9	3781849	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2891	ALL	402228.9	3781849	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2892	ALL	402248.9	3781849	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2893	ALL	402268.9	3781849	9.48E-07	1.333333Y	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2894	ALL	402288.9	3781849	8.88E-07	1.333333Y	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2895	ALL	402308.9	3781849	8.30E-07	1.333333Y	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2896	ALL	402328.9	3781849	7.83E-07	1.333333Y	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2897	ALL	402348.9	3781849	7.41E-07	1.333333Y	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2898	ALL	402368.9	3781849	7.03E-07	1.333333Y	7.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2899	ALL	402388.9	3781849	6.40E-07	1.333333Y	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2900	ALL	402408.9	3781849	6.06E-07	1.333333Y	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2901	ALL	402428.9	3781849	5.82E-07	1.333333Y	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2902	ALL	402448.9	3781849	5.52E-07	1.333333Y	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2903	ALL	402468.9	3781849	5.24E-07	1.333333Y	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2904	ALL	402488.9	3781849	5.02E-07	1.333333Y	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2905	ALL	402508.9	3781849	4.80E-07	1.333333Y	4.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2906	ALL	401308.9	3781869	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2907	ALL	401328.9	3781869	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2908	ALL	401348.9	3781869	2.23E-07	1.333333Y	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2909	ALL	401368.9	3781869	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2910	ALL	401388.9	3781869	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2911	ALL	401408.9	3781869	2.74E-07	1.333333Y	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2912	ALL	401428.9	3781869	2.91E-07	1.333333Y	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2913	ALL	401448.9	3781869	3.18E-07	1.333333Y	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2914	ALL	401468.9	3781869	3.47E-07	1.333333Y	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2915	ALL	401488.9	3781869	3.92E-07	1.333333Y	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2916	ALL	401508.9	3781869	4.38E-07	1.333333Y	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2917	ALL	401528.9	3781869	4.87E-07	1.333333Y	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2918	ALL	401548.9	3781869	5.42E-07	1.333333Y	5.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2919	ALL	401568.9	3781869	5.71E-07	1.333333Y	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2920	ALL	401588.9	3781869	6.20E-07	1.333333Y	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2921	ALL	401608.9	3781869	6.88E-07	1.333333Y	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2922	ALL	401628.9	3781869	7.65E-07	1.333333Y	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2923	ALL	401648.9	3781869	8.52E-07	1.333333Y	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2924	ALL	401668.9	3781869	9.65E-07	1.333333Y	9.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2925	ALL	401688.9	3781869	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2926	ALL	401708.9	3781869	1.17E-06	1.333333Y	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2927	ALL	401728.9	3781869	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2928	ALL	401748.9	3781869	1.80E-06	1.333333Y	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2929	ALL	401768.9	3781869	2.37E-06	1.333333Y	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2930	ALL	401788.9	3781869	3.93E-06	1.333333Y	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2931	ALL	401888.9	3781869	6.00E-06	1.333333Y	6.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2932	ALL	401908.9	3781869	4.15E-06	1.333333Y	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2933	ALL	401928.9	3781869	3.53E-06	1.333333Y	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2934	ALL	401948.9	3781869	3.16E-06	1.333333Y	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2935	ALL	401968.9	3781869	2.98E-06	1.333333Y	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2936	ALL	401988.9	3781869	2.82E-06	1.333333Y	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2937	ALL	402008.9	3781869	2.78E-06	1.333333Y	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2938	ALL	402028.9	3781869	2.56E-06	1.333333Y	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2939	ALL	402048.9	3781869	2.33E-06	1.333333Y	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2940	ALL	402068.9	3781869	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2941	ALL	402088.9	3781869	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2942	ALL	402108.9	3781869	1.72E-06	1.333333Y	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2943	ALL	402128.9	3781869	1.64E-06	1.333333Y	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2944	ALL	402148.9	3781869	1.47E-06	1.333333Y	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2945	ALL	402168.9	3781869	1.34E-06	1.333333Y	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2946	ALL	402188.9	3781869	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2947	ALL	402208.9	3781869	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2948	ALL	402228.9	3781869	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2949	ALL	402248.9	3781869	9.55E-07	1.333333Y	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2950	ALL	402268.9	3781869	8.92E-07	1.333333Y	8.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2951	ALL	402288.9	3781869	8.37E-07	1.333333Y	8.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2952	ALL	402308.9	3781869	7.86E-07	1.333333Y	7.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2953	ALL	402328.9	3781869	7.42E-07	1.333333Y	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2954	ALL	402348.9	3781869	7.08E-07	1.333333Y	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2955	ALL	402368.9	3781869	6.77E-07	1.333333Y	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2956	ALL	402388.9	3781869	6.30E-07	1.333333Y	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2957	ALL	402408.9	3781869	6.04E-07	1.333333Y	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2958	ALL	402428.9	3781869	5.78E-07	1.333333Y	5.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2959	ALL	402448.9	3781869	5.51E-07	1.333333Y	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2960	ALL	402468.9	3781869	5.24E-07	1.333333Y	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2961	ALL	402488.9	3781869	5.05E-07	1.333333Y	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2962	ALL	402508.9	3781869	4.85E-07	1.333333Y	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2963	ALL	401308.9	3781889	1.80E-07	1.333333Y	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2964	ALL	401328.9	3781889	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2965	ALL	401348.9	3781889	1.99E-07	1.333333Y	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2966	ALL	401368.9	3781889	2.10E-07	1.333333Y	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2967	ALL	401388.9	3781889	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2968	ALL	401408.9	3781889	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2969	ALL	401428.9	3781889	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2970	ALL	401448.9	3781889	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2971	ALL	401468.9	3781889	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2972	ALL	401488.9	3781889	3.55E-07	1.333333Y	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2973	ALL	401508.9	3781889	3.91E-07	1.333333Y	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2974	ALL	401528.9	3781889	4.52E-07	1.333333Y	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2975	ALL	401548.9	3781889	5.06E-07	1.333333Y	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2976	ALL	401568.9	3781889	5.45E-07	1.333333Y	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2977	ALL	401588.9	3781889	5.95E-07	1.333333Y	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2978	ALL	401608.9	3781889	6.47E-07	1.333333Y	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2979	ALL	401628.9	3781889	7.15E-07	1.333333Y	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2980	ALL	401648.9	3781889	7.92E-07	1.333333Y	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2981	ALL	401668.9	3781889	8.20E-07	1.333333Y	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2982	ALL	401688.9	3781889	8.27E-07	1.333333Y	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2983	ALL	401708.9	3781889	9.33E-07	1.333333Y	9.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2984	ALL	401728.9	3781889	1.16E-06	1.333333Y	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2985	ALL	401748.9	3781889	1.54E-06	1.333333Y	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2986	ALL	401768.9	3781889	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2987	ALL	401788.9	3781889	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2988	ALL	401808.9	3781889	2.94E-06	1.333333Y	2.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2989	ALL	401828.9	3781889	4.27E-06	1.333333Y	4.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2990	ALL	401848.9	3781889	4.91E-06	1.333333Y	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2991	ALL	401868.9	3781889	4.56E-06	1.333333Y	4.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2992	ALL	401888.9	3781889	3.58E-06	1.333333Y	3.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2993	ALL	401908.9	3781889	2.92E-06	1.333333Y	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2994	ALL	401928.9	3781889	2.55E-06	1.333333Y	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2995	ALL	401948.9	3781889	2.28E-06	1.333333Y	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2996	ALL	401968.9	3781889	2.03E-06	1.333333Y	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2997	ALL	401988.9	3781889	1.97E-06	1.333333Y	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2998	ALL	402008.9	3781889	2.05E-06	1.333333Y	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2999	ALL	402028.9	3781889	1.93E-06	1.333333Y	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3000	ALL	402048.9	3781889	1.75E-06	1.333333Y	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3001	ALL	402068.9	3781889	1.68E-06	1.333333Y	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3002	ALL	402088.9	3781889	1.57E-06	1.333333Y	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3003	ALL	402108.9	3781889	1.46E-06	1.333333Y	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3004	ALL	402128.9	3781889	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3005	ALL	402148.9	3781889	1.30E-06	1.333333Y	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3006	ALL	402168.9	3781889	1.21E-06	1.333333Y	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3007	ALL	402188.9	3781889	1.11E-06	1.333333Y	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3008	ALL	402208.9	3781889	1.03E-06	1.333333Y	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3009	ALL	402228.9	3781889	9.55E-07	1.333333Y	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3010	ALL	402248.9	3781889	8.91E-07	1.333333Y	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3011	ALL	402268.9	3781889	8.23E-07	1.333333Y	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3012	ALL	402288.9	3781889	7.78E-07	1.333333Y	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3013	ALL	402308.9	3781889	7.39E-07	1.333333Y	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3014	ALL	402328.9	3781889	7.05E-07	1.333333Y	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3015	ALL	402348.9	3781889	6.84E-07	1.333333Y	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3016	ALL	402368.9	3781889	6.46E-07	1.333333Y	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3017	ALL	402388.9	3781889	6.11E-07	1.333333Y	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3018	ALL	402408.9	3781889	5.91E-07	1.333333Y	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3019	ALL	402428.9	3781889	5.69E-07	1.333333Y	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3020	ALL	402448.9	3781889	5.45E-07	1.333333Y	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3021	ALL	402468.9	3781889	5.19E-07	1.333333Y	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3022	ALL	402488.9	3781889	4.97E-07	1.333333Y	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3023	ALL	402508.9	3781889	4.78E-07	1.333333Y	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3024	ALL	401308.9	3781909	1.76E-07	1.333333Y	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3025	ALL	401328.9	3781909	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3026	ALL	401348.9	3781909	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3027	ALL	401368.9	3781909	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3028	ALL	401388.9	3781909	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3029	ALL	401408.9	3781909	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3030	ALL	401428.9	3781909	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3031	ALL	401448.9	3781909	2.67E-07	1.333333Y	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3032	ALL	401468.9	3781909	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3033	ALL	401488.9	3781909	3.28E-07	1.333333Y	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3034	ALL	401508.9	3781909	3.73E-07	1.333333Y	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3035	ALL	401528.9	3781909	4.22E-07	1.333333Y	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3036	ALL	401548.9	3781909	4.61E-07	1.333333Y	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3037	ALL	401568.9	3781909	4.96E-07	1.333333Y	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3038	ALL	401588.9	3781909	5.54E-07	1.333333Y	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3039	ALL	401608.9	3781909	6.04E-07	1.333333Y	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3040	ALL	401628.9	3781909	6.24E-07	1.333333Y	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3041	ALL	401648.9	3781909	6.11E-07	1.333333Y	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3042	ALL	401668.9	3781909	6.63E-07	1.333333Y	6.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3043	ALL	401688.9	3781909	7.51E-07	1.333333Y	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3044	ALL	401708.9	3781909	8.59E-07	1.333333Y	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3045	ALL	401728.9	3781909	9.94E-07	1.333333Y	9.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3046	ALL	401748.9	3781909	1.20E-06	1.333333Y	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3047	ALL	401768.9	3781909	1.32E-06	1.333333Y	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3048	ALL	401788.9	3781909	1.52E-06	1.333333Y	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3049	ALL	401808.9	3781909	1.77E-06	1.333333Y	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3050	ALL	401828.9	3781909	2.18E-06	1.333333Y	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3051	ALL	401848.9	3781909	2.34E-06	1.333333Y	2.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3052	ALL	401868.9	3781909	2.54E-06	1.333333Y	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3053	ALL	401888.9	3781909	2.30E-06	1.333333Y	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3054	ALL	401908.9	3781909	2.08E-06	1.333333Y	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3055	ALL	401928.9	3781909	1.82E-06	1.333333Y	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3056	ALL	401948.9	3781909	1.67E-06	1.333333Y	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3057	ALL	401968.9	3781909	1.55E-06	1.333333Y	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3058	ALL	401988.9	3781909	1.49E-06	1.333333Y	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3059	ALL	402008.9	3781909	1.44E-06	1.333333Y	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3060	ALL	402028.9	3781909	1.41E-06	1.333333Y	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3061	ALL	402048.9	3781909	1.36E-06	1.333333Y	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3062	ALL	402068.9	3781909	1.33E-06	1.333333Y	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3063	ALL	402088.9	3781909	1.28E-06	1.333333Y	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3064	ALL	402108.9	3781909	1.22E-06	1.333333Y	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3065	ALL	402128.9	3781909	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3066	ALL	402148.9	3781909	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3067	ALL	402168.9	3781909	1.09E-06	1.333333Y	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3068	ALL	402188.9	3781909	1.01E-06	1.333333Y	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3069	ALL	402208.9	3781909	9.50E-07	1.333333Y	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3070	ALL	402228.9	3781909	8.87E-07	1.333333Y	8.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3071	ALL	402248.9	3781909	8.27E-07	1.333333Y	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3072	ALL	402268.9	3781909	7.63E-07	1.333333Y	7.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3073	ALL	402288.9	3781909	7.12E-07	1.333333Y	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3074	ALL	402308.9	3781909	6.84E-07	1.333333Y	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3075	ALL	402328.9	3781909	6.58E-07	1.333333Y	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3076	ALL	402348.9	3781909	6.42E-07	1.333333Y	6.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3077	ALL	402368.9	3781909	6.19E-07	1.333333Y	6.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3078	ALL	402388.9	3781909	5.99E-07	1.333333Y	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3079	ALL	402408.9	3781909	5.71E-07	1.333333Y	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3080	ALL	402428.9	3781909	5.49E-07	1.333333Y	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3081	ALL	402448.9	3781909	5.27E-07	1.333333Y	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3082	ALL	402468.9	3781909	5.09E-07	1.333333Y	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3083	ALL	402488.9	3781909	4.89E-07	1.333333Y	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3084	ALL	402508.9	3781909	4.71E-07	1.333333Y	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3085	ALL	401308.9	3781929	1.65E-07	1.333333Y	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3086	ALL	401328.9	3781929	1.75E-07	1.333333Y	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3087	ALL	401348.9	3781929	1.84E-07	1.333333Y	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3088	ALL	401368.9	3781929	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3089	ALL	401388.9	3781929	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3090	ALL	401408.9	3781929	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3091	ALL	401428.9	3781929	2.31E-07	1.333333Y	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3092	ALL	401448.9	3781929	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3093	ALL	401468.9	3781929	2.75E-07	1.333333Y	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3094	ALL	401488.9	3781929	3.06E-07	1.333333Y	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3095	ALL	401508.9	3781929	3.52E-07	1.333333Y	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3096	ALL	401528.9	3781929	3.81E-07	1.333333Y	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3097	ALL	401548.9	3781929	4.36E-07	1.333333Y	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3098	ALL	401568.9	3781929	4.65E-07	1.333333Y	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3099	ALL	401588.9	3781929	4.82E-07	1.333333Y	4.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3100	ALL	401608.9	3781929	4.75E-07	1.333333Y	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3101	ALL	401628.9	3781929	5.03E-07	1.333333Y	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3102	ALL	401648.9	3781929	5.59E-07	1.333333Y	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3103	ALL	401668.9	3781929	6.22E-07	1.333333Y	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3104	ALL	401688.9	3781929	7.00E-07	1.333333Y	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3105	ALL	401708.9	3781929	7.68E-07	1.333333Y	7.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3106	ALL	401728.9	3781929	8.39E-07	1.333333Y	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3107	ALL	401748.9	3781929	9.16E-07	1.333333Y	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3108	ALL	401768.9	3781929	9.32E-07	1.333333Y	9.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3109	ALL	401788.9	3781929	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3110	ALL	401808.9	3781929	1.23E-06	1.333333Y	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3111	ALL	401828.9	3781929	1.50E-06	1.333333Y	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3112	ALL	401848.9	3781929	1.58E-06	1.333333Y	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3113	ALL	401868.9	3781929	1.62E-06	1.333333Y	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3114	ALL	401888.9	3781929	1.53E-06	1.333333Y	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3115	ALL	401908.9	3781929	1.43E-06	1.333333Y	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3116	ALL	401928.9	3781929	1.35E-06	1.333333Y	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3117	ALL	401948.9	3781929	1.24E-06	1.333333Y	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3118	ALL	401968.9	3781929	1.15E-06	1.333333Y	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3119	ALL	401988.9	3781929	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3120	ALL	402008.9	3781929	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3121	ALL	402028.9	3781929	1.08E-06	1.333333Y	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3122	ALL	402048.9	3781929	1.06E-06	1.333333Y	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3123	ALL	402068.9	3781929	1.07E-06	1.333333Y	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3124	ALL	402088.9	3781929	1.05E-06	1.333333Y	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3125	ALL	402108.9	3781929	1.02E-06	1.333333Y	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3126	ALL	402128.9	3781929	9.82E-07	1.333333Y	9.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3127	ALL	402148.9	3781929	9.60E-07	1.333333Y	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3128	ALL	402168.9	3781929	9.68E-07	1.333333Y	9.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3129	ALL	402188.9	3781929	9.16E-07	1.333333Y	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3130	ALL	402208.9	3781929	8.74E-07	1.333333Y	8.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3131	ALL	402228.9	3781929	8.10E-07	1.333333Y	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3132	ALL	402248.9	3781929	7.65E-07	1.333333Y	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3133	ALL	402268.9	3781929	7.01E-07	1.333333Y	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3134	ALL	402288.9	3781929	6.51E-07	1.333333Y	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3135	ALL	402308.9	3781929	6.28E-07	1.333333Y	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3136	ALL	402328.9	3781929	5.97E-07	1.333333Y	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3137	ALL	402348.9	3781929	5.73E-07	1.333333Y	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3138	ALL	402368.9	3781929	5.49E-07	1.333333Y	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3139	ALL	402388.9	3781929	5.59E-07	1.333333Y	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3140	ALL	402408.9	3781929	5.48E-07	1.333333Y	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3141	ALL	402428.9	3781929	5.29E-07	1.333333Y	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3142	ALL	402448.9	3781929	5.10E-07	1.333333Y	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3143	ALL	402468.9	3781929	4.93E-07	1.333333Y	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3144	ALL	402488.9	3781929	4.76E-07	1.333333Y	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3145	ALL	402508.9	3781929	4.60E-07	1.333333Y	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3146	ALL	401308.9	3781949	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3147	ALL	401328.9	3781949	1.70E-07	1.333333Y	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3148	ALL	401348.9	3781949	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3149	ALL	401368.9	3781949	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3150	ALL	401388.9	3781949	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3151	ALL	401408.9	3781949	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3152	ALL	401428.9	3781949	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3153	ALL	401448.9	3781949	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3154	ALL	401468.9	3781949	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3155	ALL	401488.9	3781949	2.73E-07	1.333333Y	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3156	ALL	401508.9	3781949	3.23E-07	1.333333Y	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3157	ALL	401528.9	3781949	3.71E-07	1.333333Y	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3158	ALL	401548.9	3781949	3.68E-07	1.333333Y	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3159	ALL	401568.9	3781949	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3160	ALL	401588.9	3781949	3.96E-07	1.333333Y	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3161	ALL	401608.9	3781949	4.29E-07	1.333333Y	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3162	ALL	401628.9	3781949	4.76E-07	1.333333Y	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3163	ALL	401648.9	3781949	5.28E-07	1.333333Y	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3164	ALL	401668.9	3781949	5.71E-07	1.333333Y	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3165	ALL	401688.9	3781949	6.08E-07	1.333333Y	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3166	ALL	401708.9	3781949	6.54E-07	1.333333Y	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3167	ALL	401728.9	3781949	7.22E-07	1.333333Y	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3168	ALL	401748.9	3781949	7.09E-07	1.333333Y	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3169	ALL	401768.9	3781949	7.28E-07	1.333333Y	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3170	ALL	401788.9	3781949	7.78E-07	1.333333Y	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3171	ALL	401808.9	3781949	9.51E-07	1.333333Y	9.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3172	ALL	401828.9	3781949	1.13E-06	1.333333Y	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3173	ALL	401848.9	3781949	1.18E-06	1.333333Y	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3174	ALL	401868.9	3781949	1.14E-06	1.333333Y	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3175	ALL	401888.9	3781949	1.10E-06	1.333333Y	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3176	ALL	401908.9	3781949	1.04E-06	1.333333Y	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3177	ALL	401928.9	3781949	9.84E-07	1.333333Y	9.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3178	ALL	401948.9	3781949	9.21E-07	1.333333Y	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3179	ALL	401968.9	3781949	8.55E-07	1.333333Y	8.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3180	ALL	401988.9	3781949	8.24E-07	1.333333Y	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3181	ALL	402008.9	3781949	8.39E-07	1.333333Y	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3182	ALL	402028.9	3781949	8.52E-07	1.333333Y	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3183	ALL	402048.9	3781949	8.42E-07	1.333333Y	8.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3184	ALL	402068.9	3781949	8.71E-07	1.333333Y	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3185	ALL	402088.9	3781949	8.61E-07	1.333333Y	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3186	ALL	402108.9	3781949	8.58E-07	1.333333Y	8.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3187	ALL	402128.9	3781949	8.28E-07	1.333333Y	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3188	ALL	402148.9	3781949	7.98E-07	1.333333Y	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3189	ALL	402168.9	3781949	8.61E-07	1.333333Y	8.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3190	ALL	402188.9	3781949	8.32E-07	1.333333Y	8.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3191	ALL	402208.9	3781949	7.87E-07	1.333333Y	7.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3192	ALL	402228.9	3781949	7.40E-07	1.333333Y	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3193	ALL	402248.9	3781949	7.05E-07	1.333333Y	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3194	ALL	402268.9	3781949	6.58E-07	1.333333Y	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3195	ALL	402288.9	3781949	6.11E-07	1.333333Y	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3196	ALL	402308.9	3781949	5.75E-07	1.333333Y	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3197	ALL	402328.9	3781949	5.47E-07	1.333333Y	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3198	ALL	402348.9	3781949	5.26E-07	1.333333Y	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3199	ALL	402368.9	3781949	4.99E-07	1.333333Y	4.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3200	ALL	402388.9	3781949	5.01E-07	1.333333Y	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3201	ALL	402408.9	3781949	5.19E-07	1.333333Y	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3202	ALL	402428.9	3781949	5.02E-07	1.333333Y	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3203	ALL	402448.9	3781949	4.87E-07	1.333333Y	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3204	ALL	402468.9	3781949	4.71E-07	1.333333Y	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3205	ALL	402488.9	3781949	4.56E-07	1.333333Y	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3206	ALL	402508.9	3781949	4.42E-07	1.333333Y	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3207	ALL	401308.9	3781969	1.36E-07	1.333333Y	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3208	ALL	401328.9	3781969	1.42E-07	1.333333Y	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3209	ALL	401348.9	3781969	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3210	ALL	401368.9	3781969	1.54E-07	1.333333Y	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3211	ALL	401388.9	3781969	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3212	ALL	401408.9	3781969	1.69E-07	1.333333Y	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3213	ALL	401428.9	3781969	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3214	ALL	401448.9	3781969	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3215	ALL	401468.9	3781969	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3216	ALL	401488.9	3781969	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3217	ALL	401508.9	3781969	2.97E-07	1.333333Y	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3218	ALL	401528.9	3781969	3.08E-07	1.333333Y	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3219	ALL	401548.9	3781969	3.03E-07	1.333333Y	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3220	ALL	401568.9	3781969	3.33E-07	1.333333Y	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3221	ALL	401588.9	3781969	3.62E-07	1.333333Y	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3222	ALL	401608.9	3781969	4.02E-07	1.333333Y	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3223	ALL	401628.9	3781969	4.38E-07	1.333333Y	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3224	ALL	401648.9	3781969	4.59E-07	1.333333Y	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3225	ALL	401668.9	3781969	5.06E-07	1.333333Y	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3226	ALL	401688.9	3781969	5.41E-07	1.333333Y	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3227	ALL	401708.9	3781969	5.57E-07	1.333333Y	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3228	ALL	401728.9	3781969	5.30E-07	1.333333Y	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3229	ALL	401748.9	3781969	5.60E-07	1.333333Y	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3230	ALL	401768.9	3781969	5.79E-07	1.333333Y	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3231	ALL	401788.9	3781969	6.03E-07	1.333333Y	6.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3232	ALL	401808.9	3781969	7.23E-07	1.333333Y	7.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3233	ALL	401828.9	3781969	8.97E-07	1.333333Y	8.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3234	ALL	401848.9	3781969	9.26E-07	1.333333Y	9.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3235	ALL	401868.9	3781969	8.79E-07	1.333333Y	8.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3236	ALL	401888.9	3781969	8.17E-07	1.333333Y	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3237	ALL	401908.9	3781969	7.70E-07	1.333333Y	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3238	ALL	401928.9	3781969	7.24E-07	1.333333Y	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3239	ALL	401948.9	3781969	6.91E-07	1.333333Y	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3240	ALL	401968.9	3781969	6.74E-07	1.333333Y	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3241	ALL	401988.9	3781969	6.62E-07	1.333333Y	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3242	ALL	402008.9	3781969	6.70E-07	1.333333Y	6.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3243	ALL	402028.9	3781969	6.76E-07	1.333333Y	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3244	ALL	402048.9	3781969	6.86E-07	1.333333Y	6.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3245	ALL	402068.9	3781969	6.80E-07	1.333333Y	6.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3246	ALL	402088.9	3781969	6.76E-07	1.333333Y	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3247	ALL	402108.9	3781969	7.10E-07	1.333333Y	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3248	ALL	402128.9	3781969	6.90E-07	1.333333Y	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3249	ALL	402148.9	3781969	6.82E-07	1.333333Y	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3250	ALL	402168.9	3781969	7.68E-07	1.333333Y	7.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3251	ALL	402188.9	3781969	7.50E-07	1.333333Y	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3252	ALL	402208.9	3781969	6.98E-07	1.333333Y	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3253	ALL	402228.9	3781969	6.71E-07	1.333333Y	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3254	ALL	402248.9	3781969	6.40E-07	1.333333Y	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3255	ALL	402268.9	3781969	6.18E-07	1.333333Y	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3256	ALL	402288.9	3781969	5.90E-07	1.333333Y	5.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3257	ALL	402308.9	3781969	5.45E-07	1.333333Y	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3258	ALL	402328.9	3781969	4.99E-07	1.333333Y	4.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3259	ALL	402348.9	3781969	4.72E-07	1.333333Y	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3260	ALL	402368.9	3781969	4.50E-07	1.333333Y	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3261	ALL	402388.9	3781969	4.53E-07	1.333333Y	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3262	ALL	402408.9	3781969	4.84E-07	1.333333Y	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3263	ALL	402428.9	3781969	4.71E-07	1.333333Y	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3264	ALL	402448.9	3781969	4.58E-07	1.333333Y	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3265	ALL	402468.9	3781969	4.45E-07	1.333333Y	4.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3266	ALL	402488.9	3781969	4.35E-07	1.333333Y	4.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3267	ALL	402508.9	3781969	4.22E-07	1.333333Y	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3268	ALL	401308.9	3781989	1.30E-07	1.333333Y	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3269	ALL	401328.9	3781989	1.36E-07	1.333333Y	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3270	ALL	401348.9	3781989	1.41E-07	1.333333Y	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3271	ALL	401368.9	3781989	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3272	ALL	401388.9	3781989	1.55E-07	1.333333Y	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3273	ALL	401408.9	3781989	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3274	ALL	401428.9	3781989	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3275	ALL	401448.9	3781989	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3276	ALL	401468.9	3781989	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3277	ALL	401488.9	3781989	2.11E-07	1.333333Y	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3278	ALL	401508.9	3781989	2.76E-07	1.333333Y	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3279	ALL	401528.9	3781989	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3280	ALL	401548.9	3781989	2.88E-07	1.333333Y	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3281	ALL	401568.9	3781989	3.09E-07	1.333333Y	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3282	ALL	401588.9	3781989	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3283	ALL	401608.9	3781989	3.54E-07	1.333333Y	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3284	ALL	401628.9	3781989	3.88E-07	1.333333Y	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3285	ALL	401648.9	3781989	4.19E-07	1.333333Y	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3286	ALL	401668.9	3781989	4.19E-07	1.333333Y	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3287	ALL	401688.9	3781989	3.87E-07	1.333333Y	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3288	ALL	401708.9	3781989	3.72E-07	1.333333Y	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3289	ALL	401728.9	3781989	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3290	ALL	401748.9	3781989	4.51E-07	1.333333Y	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3291	ALL	401768.9	3781989	4.46E-07	1.333333Y	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3292	ALL	401788.9	3781989	4.72E-07	1.333333Y	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3293	ALL	401808.9	3781989	5.39E-07	1.333333Y	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3294	ALL	401828.9	3781989	7.19E-07	1.333333Y	7.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3295	ALL	401848.9	3781989	7.25E-07	1.333333Y	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3296	ALL	401868.9	3781989	6.88E-07	1.333333Y	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3297	ALL	401888.9	3781989	6.26E-07	1.333333Y	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3298	ALL	401908.9	3781989	5.87E-07	1.333333Y	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3299	ALL	401928.9	3781989	5.75E-07	1.333333Y	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3300	ALL	401948.9	3781989	5.67E-07	1.333333Y	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3301	ALL	401968.9	3781989	5.64E-07	1.333333Y	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3302	ALL	401988.9	3781989	5.60E-07	1.333333Y	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3303	ALL	402008.9	3781989	5.62E-07	1.333333Y	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3304	ALL	402028.9	3781989	5.62E-07	1.333333Y	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3305	ALL	402048.9	3781989	5.82E-07	1.333333Y	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3306	ALL	402068.9	3781989	5.76E-07	1.333333Y	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3307	ALL	402088.9	3781989	5.70E-07	1.333333Y	5.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3308	ALL	402108.9	3781989	5.70E-07	1.333333Y	5.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3309	ALL	402128.9	3781989	5.79E-07	1.333333Y	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3310	ALL	402148.9	3781989	6.04E-07	1.333333Y	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3311	ALL	402168.9	3781989	6.79E-07	1.333333Y	6.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3312	ALL	402188.9	3781989	6.62E-07	1.333333Y	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3313	ALL	402208.9	3781989	6.24E-07	1.333333Y	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3314	ALL	402228.9	3781989	5.99E-07	1.333333Y	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3315	ALL	402248.9	3781989	5.71E-07	1.333333Y	5.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3316	ALL	402268.9	3781989	5.44E-07	1.333333Y	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3317	ALL	402288.9	3781989	5.18E-07	1.333333Y	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3318	ALL	402308.9	3781989	4.77E-07	1.333333Y	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3319	ALL	402328.9	3781989	4.30E-07	1.333333Y	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3320	ALL	402348.9	3781989	4.21E-07	1.333333Y	4.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3321	ALL	402368.9	3781989	4.05E-07	1.333333Y	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3322	ALL	402388.9	3781989	4.05E-07	1.333333Y	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3323	ALL	402408.9	3781989	4.49E-07	1.333333Y	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3324	ALL	402428.9	3781989	4.40E-07	1.333333Y	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3325	ALL	402448.9	3781989	4.26E-07	1.333333Y	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3326	ALL	402468.9	3781989	4.16E-07	1.333333Y	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3327	ALL	402488.9	3781989	4.06E-07	1.333333Y	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3328	ALL	402508.9	3781989	3.96E-07	1.333333Y	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3329	ALL	401308.9	3782009	1.24E-07	1.333333Y	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3330	ALL	401328.9	3782009	1.29E-07	1.333333Y	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3331	ALL	401348.9	3782009	1.35E-07	1.333333Y	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3332	ALL	401368.9	3782009	1.39E-07	1.333333Y	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3333	ALL	401388.9	3782009	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3334	ALL	401408.9	3782009	1.51E-07	1.333333Y	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3335	ALL	401428.9	3782009	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3336	ALL	401448.9	3782009	1.69E-07	1.333333Y	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3337	ALL	401468.9	3782009	1.74E-07	1.333333Y	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3338	ALL	401488.9	3782009	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3339	ALL	401508.9	3782009	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3340	ALL	401528.9	3782009	2.49E-07	1.333333Y	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3341	ALL	401548.9	3782009	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3342	ALL	401568.9	3782009	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3343	ALL	401588.9	3782009	3.00E-07	1.333333Y	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3344	ALL	401608.9	3782009	3.23E-07	1.333333Y	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3345	ALL	401628.9	3782009	3.25E-07	1.333333Y	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3346	ALL	401648.9	3782009	3.03E-07	1.333333Y	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3347	ALL	401668.9	3782009	2.88E-07	1.333333Y	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3348	ALL	401688.9	3782009	2.95E-07	1.333333Y	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3349	ALL	401708.9	3782009	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3350	ALL	401728.9	3782009	3.55E-07	1.333333Y	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3351	ALL	401748.9	3782009	3.74E-07	1.333333Y	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3352	ALL	401768.9	3782009	3.76E-07	1.333333Y	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3353	ALL	401788.9	3782009	3.97E-07	1.333333Y	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3354	ALL	401808.9	3782009	4.67E-07	1.333333Y	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3355	ALL	401828.9	3782009	5.25E-07	1.333333Y	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3356	ALL	401848.9	3782009	5.35E-07	1.333333Y	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3357	ALL	401868.9	3782009	4.86E-07	1.333333Y	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3358	ALL	401888.9	3782009	4.67E-07	1.333333Y	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3359	ALL	401908.9	3782009	4.64E-07	1.333333Y	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3360	ALL	401928.9	3782009	4.76E-07	1.333333Y	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3361	ALL	401948.9	3782009	4.70E-07	1.333333Y	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3362	ALL	401968.9	3782009	4.68E-07	1.333333Y	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3363	ALL	401988.9	3782009	4.70E-07	1.333333Y	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3364	ALL	402008.9	3782009	4.66E-07	1.333333Y	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3365	ALL	402028.9	3782009	4.69E-07	1.333333Y	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3366	ALL	402048.9	3782009	4.79E-07	1.333333Y	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3367	ALL	402068.9	3782009	4.93E-07	1.333333Y	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3368	ALL	402088.9	3782009	5.04E-07	1.333333Y	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3369	ALL	402108.9	3782009	4.97E-07	1.333333Y	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3370	ALL	402128.9	3782009	4.96E-07	1.333333Y	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3371	ALL	402148.9	3782009	5.72E-07	1.333333Y	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3372	ALL	402168.9	3782009	5.94E-07	1.333333Y	5.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3373	ALL	402188.9	3782009	5.92E-07	1.333333Y	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3374	ALL	402208.9	3782009	5.54E-07	1.333333Y	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3375	ALL	402228.9	3782009	5.34E-07	1.333333Y	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3376	ALL	402248.9	3782009	5.10E-07	1.333333Y	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3377	ALL	402268.9	3782009	4.63E-07	1.333333Y	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3378	ALL	402288.9	3782009	4.40E-07	1.333333Y	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3379	ALL	402308.9	3782009	3.95E-07	1.333333Y	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3380	ALL	402328.9	3782009	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3381	ALL	402348.9	3782009	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3382	ALL	402368.9	3782009	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3383	ALL	402388.9	3782009	3.70E-07	1.333333Y	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3384	ALL	402408.9	3782009	3.96E-07	1.333333Y	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3385	ALL	402428.9	3782009	3.83E-07	1.333333Y	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3386	ALL	402448.9	3782009	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3387	ALL	402468.9	3782009	3.84E-07	1.333333Y	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3388	ALL	402488.9	3782009	3.65E-07	1.333333Y	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3389	ALL	402508.9	3782009	3.59E-07	1.333333Y	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3390	ALL	401308.9	3782029	1.19E-07	1.333333Y	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3391	ALL	401328.9	3782029	1.23E-07	1.333333Y	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3392	ALL	401348.9	3782029	1.26E-07	1.333333Y	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3393	ALL	401368.9	3782029	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3394	ALL	401388.9	3782029	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3395	ALL	401408.9	3782029	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3396	ALL	401428.9	3782029	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3397	ALL	401448.9	3782029	1.47E-07	1.333333Y	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3398	ALL	401468.9	3782029	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3399	ALL	401488.9	3782029	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3400	ALL	401508.9	3782029	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3401	ALL	401528.9	3782029	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3402	ALL	401548.9	3782029	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3403	ALL	401568.9	3782029	2.62E-07	1.333333Y	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3404	ALL	401588.9	3782029	2.49E-07	1.333333Y	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3405	ALL	401608.9	3782029	2.41E-07	1.333333Y	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3406	ALL	401628.9	3782029	2.29E-07	1.333333Y	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3407	ALL	401648.9	3782029	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3408	ALL	401668.9	3782029	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3409	ALL	401688.9	3782029	2.66E-07	1.333333Y	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3410	ALL	401708.9	3782029	2.87E-07	1.333333Y	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3411	ALL	401728.9	3782029	3.02E-07	1.333333Y	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3412	ALL	401748.9	3782029	3.10E-07	1.333333Y	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3413	ALL	401768.9	3782029	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3414	ALL	401788.9	3782029	3.19E-07	1.333333Y	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3415	ALL	401808.9	3782029	3.56E-07	1.333333Y	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3416	ALL	401828.9	3782029	3.94E-07	1.333333Y	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3417	ALL	401848.9	3782029	4.04E-07	1.333333Y	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3418	ALL	401868.9	3782029	3.90E-07	1.333333Y	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3419	ALL	401888.9	3782029	3.83E-07	1.333333Y	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3420	ALL	401908.9	3782029	3.89E-07	1.333333Y	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3421	ALL	401928.9	3782029	3.77E-07	1.333333Y	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3422	ALL	401948.9	3782029	3.64E-07	1.333333Y	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3423	ALL	401968.9	3782029	3.57E-07	1.333333Y	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3424	ALL	401988.9	3782029	3.54E-07	1.333333Y	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3425	ALL	402008.9	3782029	3.59E-07	1.333333Y	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3426	ALL	402028.9	3782029	3.67E-07	1.333333Y	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3427	ALL	402048.9	3782029	3.80E-07	1.333333Y	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3428	ALL	402068.9	3782029	3.98E-07	1.333333Y	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3429	ALL	402088.9	3782029	4.07E-07	1.333333Y	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3430	ALL	402108.9	3782029	4.10E-07	1.333333Y	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3431	ALL	402128.9	3782029	4.25E-07	1.333333Y	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3432	ALL	402148.9	3782029	5.07E-07	1.333333Y	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3433	ALL	402168.9	3782029	5.23E-07	1.333333Y	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3434	ALL	402188.9	3782029	5.13E-07	1.333333Y	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3435	ALL	402208.9	3782029	4.78E-07	1.333333Y	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3436	ALL	402228.9	3782029	4.69E-07	1.333333Y	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3437	ALL	402248.9	3782029	4.40E-07	1.333333Y	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3438	ALL	402268.9	3782029	4.19E-07	1.333333Y	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3439	ALL	402288.9	3782029	3.53E-07	1.333333Y	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3440	ALL	402308.9	3782029	3.26E-07	1.333333Y	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3441	ALL	402328.9	3782029	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3442	ALL	402348.9	3782029	3.28E-07	1.333333Y	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3443	ALL	402368.9	3782029	3.23E-07	1.333333Y	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3444	ALL	402388.9	3782029	3.42E-07	1.333333Y	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3445	ALL	402408.9	3782029	3.50E-07	1.333333Y	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3446	ALL	402428.9	3782029	3.47E-07	1.333333Y	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3447	ALL	402448.9	3782029	3.42E-07	1.333333Y	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3448	ALL	402468.9	3782029	3.45E-07	1.333333Y	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3449	ALL	402488.9	3782029	3.40E-07	1.333333Y	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3450	ALL	402508.9	3782029	3.19E-07	1.333333Y	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3451	ALL	401308.9	3782049	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3452	ALL	401328.9	3782049	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3453	ALL	401348.9	3782049	1.11E-07	1.333333Y	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3454	ALL	401368.9	3782049	1.15E-07	1.333333Y	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3455	ALL	401388.9	3782049	1.20E-07	1.333333Y	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3456	ALL	401408.9	3782049	1.29E-07	1.333333Y	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3457	ALL	401428.9	3782049	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3458	ALL	401448.9	3782049	1.38E-07	1.333333Y	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3459	ALL	401468.9	3782049	1.45E-07	1.333333Y	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3460	ALL	401488.9	3782049	1.76E-07	1.333333Y	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3461	ALL	401508.9	3782049	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3462	ALL	401528.9	3782049	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3463	ALL	401548.9	3782049	2.12E-07	1.333333Y	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3464	ALL	401568.9	3782049	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3465	ALL	401588.9	3782049	2.21E-07	1.333333Y	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3466	ALL	401608.9	3782049	1.94E-07	1.333333Y	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3467	ALL	401628.9	3782049	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3468	ALL	401648.9	3782049	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3469	ALL	401668.9	3782049	2.30E-07	1.333333Y	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3470	ALL	401688.9	3782049	2.40E-07	1.333333Y	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3471	ALL	401708.9	3782049	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3472	ALL	401728.9	3782049	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3473	ALL	401748.9	3782049	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3474	ALL	401768.9	3782049	2.68E-07	1.333333Y	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3475	ALL	401788.9	3782049	2.77E-07	1.333333Y	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3476	ALL	401808.9	3782049	2.98E-07	1.333333Y	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3477	ALL	401828.9	3782049	3.10E-07	1.333333Y	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3478	ALL	401848.9	3782049	3.06E-07	1.333333Y	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3479	ALL	401868.9	3782049	3.04E-07	1.333333Y	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3480	ALL	401888.9	3782049	3.00E-07	1.333333Y	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3481	ALL	401908.9	3782049	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3482	ALL	401928.9	3782049	3.13E-07	1.333333Y	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3483	ALL	401948.9	3782049	3.02E-07	1.333333Y	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3484	ALL	401968.9	3782049	2.98E-07	1.333333Y	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3485	ALL	401988.9	3782049	2.96E-07	1.333333Y	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3486	ALL	402008.9	3782049	3.00E-07	1.333333Y	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3487	ALL	402028.9	3782049	3.09E-07	1.333333Y	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3488	ALL	402048.9	3782049	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3489	ALL	402068.9	3782049	3.24E-07	1.333333Y	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3490	ALL	402088.9	3782049	3.34E-07	1.333333Y	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3491	ALL	402108.9	3782049	3.44E-07	1.333333Y	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3492	ALL	402128.9	3782049	3.64E-07	1.333333Y	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3493	ALL	402148.9	3782049	4.46E-07	1.333333Y	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3494	ALL	402168.9	3782049	4.74E-07	1.333333Y	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3495	ALL	402188.9	3782049	4.15E-07	1.333333Y	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3496	ALL	402208.9	3782049	3.55E-07	1.333333Y	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3497	ALL	402228.9	3782049	3.92E-07	1.333333Y	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3498	ALL	402248.9	3782049	3.90E-07	1.333333Y	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3499	ALL	402268.9	3782049	3.55E-07	1.333333Y	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3500	ALL	402288.9	3782049	3.01E-07	1.333333Y	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3501	ALL	402308.9	3782049	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3502	ALL	402328.9	3782049	2.77E-07	1.333333Y	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3503	ALL	402348.9	3782049	2.79E-07	1.333333Y	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3504	ALL	402368.9	3782049	2.78E-07	1.333333Y	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3505	ALL	402388.9	3782049	2.84E-07	1.333333Y	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3506	ALL	402408.9	3782049	3.02E-07	1.333333Y	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3507	ALL	402428.9	3782049	3.06E-07	1.333333Y	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3508	ALL	402448.9	3782049	2.94E-07	1.333333Y	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3509	ALL	402468.9	3782049	2.99E-07	1.333333Y	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3510	ALL	402488.9	3782049	2.92E-07	1.333333Y	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3511	ALL	402508.9	3782049	2.86E-07	1.333333Y	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3512	ALL	401308.9	3782069	9.99E-08	1.333333Y	9.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3513	ALL	401328.9	3782069	1.01E-07	1.333333Y	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3514	ALL	401348.9	3782069	1.04E-07	1.333333Y	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3515	ALL	401368.9	3782069	1.08E-07	1.333333Y	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3516	ALL	401388.9	3782069	1.14E-07	1.333333Y	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3517	ALL	401408.9	3782069	1.19E-07	1.333333Y	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3518	ALL	401428.9	3782069	1.20E-07	1.333333Y	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3519	ALL	401448.9	3782069	1.30E-07	1.333333Y	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3520	ALL	401468.9	3782069	1.36E-07	1.333333Y	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3521	ALL	401488.9	3782069	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3522	ALL	401508.9	3782069	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3523	ALL	401528.9	3782069	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3524	ALL	401548.9	3782069	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3525	ALL	401568.9	3782069	1.84E-07	1.333333Y	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3526	ALL	401588.9	3782069	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3527	ALL	401608.9	3782069	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3528	ALL	401628.9	3782069	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3529	ALL	401648.9	3782069	2.02E-07	1.333333Y	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3530	ALL	401668.9	3782069	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3531	ALL	401688.9	3782069	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3532	ALL	401708.9	3782069	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3533	ALL	401728.9	3782069	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3534	ALL	401748.9	3782069	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3535	ALL	401768.9	3782069	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3536	ALL	401788.9	3782069	2.41E-07	1.333333Y	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3537	ALL	401808.9	3782069	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3538	ALL	401828.9	3782069	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3539	ALL	401848.9	3782069	2.33E-07	1.333333Y	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3540	ALL	401868.9	3782069	2.37E-07	1.333333Y	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3541	ALL	401888.9	3782069	2.42E-07	1.333333Y	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3542	ALL	401908.9	3782069	2.40E-07	1.333333Y	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3543	ALL	401928.9	3782069	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3544	ALL	401948.9	3782069	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3545	ALL	401968.9	3782069	2.41E-07	1.333333Y	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3546	ALL	401988.9	3782069	2.50E-07	1.333333Y	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3547	ALL	402008.9	3782069	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3548	ALL	402028.9	3782069	2.71E-07	1.333333Y	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3549	ALL	402048.9	3782069	2.84E-07	1.333333Y	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3550	ALL	402068.9	3782069	2.95E-07	1.333333Y	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3551	ALL	402088.9	3782069	3.01E-07	1.333333Y	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3552	ALL	402108.9	3782069	3.09E-07	1.333333Y	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3553	ALL	402128.9	3782069	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3554	ALL	402148.9	3782069	3.85E-07	1.333333Y	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3555	ALL	402168.9	3782069	4.14E-07	1.333333Y	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3556	ALL	402188.9	3782069	3.14E-07	1.333333Y	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3557	ALL	402208.9	3782069	2.66E-07	1.333333Y	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3558	ALL	402228.9	3782069	2.73E-07	1.333333Y	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3559	ALL	402248.9	3782069	3.18E-07	1.333333Y	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3560	ALL	402268.9	3782069	3.11E-07	1.333333Y	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3561	ALL	402288.9	3782069	2.66E-07	1.333333Y	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3562	ALL	402308.9	3782069	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3563	ALL	402328.9	3782069	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3564	ALL	402348.9	3782069	2.38E-07	1.333333Y	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3565	ALL	402368.9	3782069	2.40E-07	1.333333Y	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3566	ALL	402388.9	3782069	2.43E-07	1.333333Y	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3567	ALL	402408.9	3782069	2.52E-07	1.333333Y	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3568	ALL	402428.9	3782069	2.59E-07	1.333333Y	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3569	ALL	402448.9	3782069	2.57E-07	1.333333Y	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3570	ALL	402468.9	3782069	2.86E-07	1.333333Y	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3571	ALL	402488.9	3782069	2.82E-07	1.333333Y	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3572	ALL	402508.9	3782069	2.58E-07	1.333333Y	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3573	ALL	401308.9	3782089	9.43E-08	1.333333Y	9.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3574	ALL	401328.9	3782089	9.69E-08	1.333333Y	9.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3575	ALL	401348.9	3782089	1.00E-07	1.333333Y	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3576	ALL	401368.9	3782089	1.03E-07	1.333333Y	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3577	ALL	401388.9	3782089	1.05E-07	1.333333Y	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3578	ALL	401408.9	3782089	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3579	ALL	401428.9	3782089	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3580	ALL	401448.9	3782089	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3581	ALL	401468.9	3782089	1.29E-07	1.333333Y	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3582	ALL	401488.9	3782089	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3583	ALL	401508.9	3782089	1.52E-07	1.333333Y	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3584	ALL	401528.9	3782089	1.59E-07	1.333333Y	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3585	ALL	401548.9	3782089	1.69E-07	1.333333Y	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3586	ALL	401568.9	3782089	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3587	ALL	401588.9	3782089	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3588	ALL	401608.9	3782089	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3589	ALL	401628.9	3782089	1.73E-07	1.333333Y	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3590	ALL	401648.9	3782089	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3591	ALL	401668.9	3782089	1.86E-07	1.333333Y	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3592	ALL	401688.9	3782089	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3593	ALL	401708.9	3782089	1.81E-07	1.333333Y	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3594	ALL	401728.9	3782089	1.78E-07	1.333333Y	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3595	ALL	401748.9	3782089	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3596	ALL	401768.9	3782089	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3597	ALL	401788.9	3782089	2.14E-07	1.333333Y	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3598	ALL	401808.9	3782089	1.95E-07	1.333333Y	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3599	ALL	401828.9	3782089	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3600	ALL	401848.9	3782089	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3601	ALL	401868.9	3782089	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3602	ALL	401888.9	3782089	1.96E-07	1.333333Y	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3603	ALL	401908.9	3782089	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3604	ALL	401928.9	3782089	1.86E-07	1.333333Y	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3605	ALL	401948.9	3782089	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3606	ALL	401968.9	3782089	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3607	ALL	401988.9	3782089	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3608	ALL	402008.9	3782089	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3609	ALL	402028.9	3782089	2.25E-07	1.333333Y	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3610	ALL	402048.9	3782089	2.40E-07	1.333333Y	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3611	ALL	402068.9	3782089	2.46E-07	1.333333Y	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3612	ALL	402088.9	3782089	2.54E-07	1.333333Y	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3613	ALL	402108.9	3782089	2.51E-07	1.333333Y	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3614	ALL	402128.9	3782089	2.56E-07	1.333333Y	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3615	ALL	402148.9	3782089	3.05E-07	1.333333Y	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3616	ALL	402168.9	3782089	3.49E-07	1.333333Y	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3617	ALL	402188.9	3782089	3.15E-07	1.333333Y	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3618	ALL	402208.9	3782089	2.26E-07	1.333333Y	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3619	ALL	402228.9	3782089	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3620	ALL	402248.9	3782089	2.34E-07	1.333333Y	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3621	ALL	402268.9	3782089	2.39E-07	1.333333Y	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3622	ALL	402288.9	3782089	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3623	ALL	402308.9	3782089	2.19E-07	1.333333Y	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3624	ALL	402328.9	3782089	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3625	ALL	402348.9	3782089	2.06E-07	1.333333Y	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3626	ALL	402368.9	3782089	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3627	ALL	402388.9	3782089	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3628	ALL	402408.9	3782089	2.18E-07	1.333333Y	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3629	ALL	402428.9	3782089	2.32E-07	1.333333Y	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3630	ALL	402448.9	3782089	2.35E-07	1.333333Y	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3631	ALL	402468.9	3782089	2.61E-07	1.333333Y	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3632	ALL	402488.9	3782089	2.44E-07	1.333333Y	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3633	ALL	402508.9	3782089	2.24E-07	1.333333Y	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3634	ALL	401308.9	3782109	9.05E-08	1.333333Y	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3635	ALL	401328.9	3782109	9.34E-08	1.333333Y	9.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3636	ALL	401348.9	3782109	9.60E-08	1.333333Y	9.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3637	ALL	401368.9	3782109	9.64E-08	1.333333Y	9.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3638	ALL	401388.9	3782109	9.77E-08	1.333333Y	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3639	ALL	401408.9	3782109	9.88E-08	1.333333Y	9.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3640	ALL	401428.9	3782109	9.96E-08	1.333333Y	9.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3641	ALL	401448.9	3782109	1.01E-07	1.333333Y	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3642	ALL	401468.9	3782109	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3643	ALL	401488.9	3782109	1.31E-07	1.333333Y	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3644	ALL	401508.9	3782109	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3645	ALL	401528.9	3782109	1.36E-07	1.333333Y	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3646	ALL	401548.9	3782109	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3647	ALL	401568.9	3782109	1.32E-07	1.333333Y	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3648	ALL	401588.9	3782109	1.35E-07	1.333333Y	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3649	ALL	401608.9	3782109	1.40E-07	1.333333Y	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3650	ALL	401628.9	3782109	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3651	ALL	401648.9	3782109	1.47E-07	1.333333Y	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3652	ALL	401668.9	3782109	1.51E-07	1.333333Y	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3653	ALL	401688.9	3782109	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3654	ALL	401708.9	3782109	1.46E-07	1.333333Y	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3655	ALL	401728.9	3782109	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3656	ALL	401748.9	3782109	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3657	ALL	401768.9	3782109	1.74E-07	1.333333Y	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3658	ALL	401788.9	3782109	1.86E-07	1.333333Y	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3659	ALL	401808.9	3782109	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3660	ALL	401828.9	3782109	1.56E-07	1.333333Y	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3661	ALL	401848.9	3782109	1.57E-07	1.333333Y	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3662	ALL	401868.9	3782109	1.55E-07	1.333333Y	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3663	ALL	401888.9	3782109	1.60E-07	1.333333Y	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3664	ALL	401908.9	3782109	1.56E-07	1.333333Y	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3665	ALL	401928.9	3782109	1.57E-07	1.333333Y	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3666	ALL	401948.9	3782109	1.65E-07	1.333333Y	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3667	ALL	401968.9	3782109	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3668	ALL	401988.9	3782109	1.98E-07	1.333333Y	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3669	ALL	402008.9	3782109	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3670	ALL	402028.9	3782109	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3671	ALL	402048.9	3782109	2.09E-07	1.333333Y	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3672	ALL	402068.9	3782109	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3673	ALL	402088.9	3782109	2.13E-07	1.333333Y	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3674	ALL	402108.9	3782109	2.16E-07	1.333333Y	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3675	ALL	402128.9	3782109	2.22E-07	1.333333Y	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3676	ALL	402148.9	3782109	2.28E-07	1.333333Y	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3677	ALL	402168.9	3782109	2.74E-07	1.333333Y	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3678	ALL	402188.9	3782109	3.12E-07	1.333333Y	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3679	ALL	402208.9	3782109	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3680	ALL	402228.9	3782109	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3681	ALL	402248.9	3782109	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3682	ALL	402268.9	3782109	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3683	ALL	402288.9	3782109	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3684	ALL	402308.9	3782109	1.90E-07	1.333333Y	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3685	ALL	402328.9	3782109	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3686	ALL	402348.9	3782109	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3687	ALL	402368.9	3782109	1.83E-07	1.333333Y	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3688	ALL	402388.9	3782109	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3689	ALL	402408.9	3782109	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3690	ALL	402428.9	3782109	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3691	ALL	402448.9	3782109	2.07E-07	1.333333Y	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3692	ALL	402468.9	3782109	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3693	ALL	402488.9	3782109	2.03E-07	1.333333Y	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3694	ALL	402508.9	3782109	2.00E-07	1.333333Y	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3695	ALL	401308.9	3782129	8.66E-08	1.333333Y	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3696	ALL	401328.9	3782129	8.86E-08	1.333333Y	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3697	ALL	401348.9	3782129	8.97E-08	1.333333Y	8.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3698	ALL	401368.9	3782129	8.99E-08	1.333333Y	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3699	ALL	401388.9	3782129	9.07E-08	1.333333Y	9.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3700	ALL	401408.9	3782129	9.15E-08	1.333333Y	9.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3701	ALL	401428.9	3782129	9.39E-08	1.333333Y	9.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3702	ALL	401448.9	3782129	9.29E-08	1.333333Y	9.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3703	ALL	401468.9	3782129	9.87E-08	1.333333Y	9.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3704	ALL	401488.9	3782129	1.03E-07	1.333333Y	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3705	ALL	401508.9	3782129	1.04E-07	1.333333Y	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3706	ALL	401528.9	3782129	1.11E-07	1.333333Y	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3707	ALL	401548.9	3782129	1.08E-07	1.333333Y	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3708	ALL	401568.9	3782129	1.08E-07	1.333333Y	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3709	ALL	401588.9	3782129	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3710	ALL	401608.9	3782129	1.16E-07	1.333333Y	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3711	ALL	401628.9	3782129	1.20E-07	1.333333Y	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3712	ALL	401648.9	3782129	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3713	ALL	401668.9	3782129	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3714	ALL	401688.9	3782129	1.23E-07	1.333333Y	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3715	ALL	401708.9	3782129	1.25E-07	1.333333Y	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3716	ALL	401728.9	3782129	1.25E-07	1.333333Y	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3717	ALL	401748.9	3782129	1.38E-07	1.333333Y	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3718	ALL	401768.9	3782129	1.50E-07	1.333333Y	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3719	ALL	401788.9	3782129	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3720	ALL	401808.9	3782129	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3721	ALL	401828.9	3782129	1.33E-07	1.333333Y	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3722	ALL	401848.9	3782129	1.35E-07	1.333333Y	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3723	ALL	401868.9	3782129	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3724	ALL	401888.9	3782129	1.36E-07	1.333333Y	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3725	ALL	401908.9	3782129	1.35E-07	1.333333Y	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3726	ALL	401928.9	3782129	1.40E-07	1.333333Y	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3727	ALL	401948.9	3782129	1.48E-07	1.333333Y	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3728	ALL	401968.9	3782129	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3729	ALL	401988.9	3782129	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3730	ALL	402008.9	3782129	1.55E-07	1.333333Y	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3731	ALL	402028.9	3782129	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3732	ALL	402048.9	3782129	1.78E-07	1.333333Y	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3733	ALL	402068.9	3782129	1.89E-07	1.333333Y	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3734	ALL	402088.9	3782129	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3735	ALL	402108.9	3782129	1.88E-07	1.333333Y	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3736	ALL	402128.9	3782129	1.93E-07	1.333333Y	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3737	ALL	402148.9	3782129	1.96E-07	1.333333Y	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3738	ALL	402168.9	3782129	2.17E-07	1.333333Y	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3739	ALL	402188.9	3782129	2.72E-07	1.333333Y	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3740	ALL	402208.9	3782129	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3741	ALL	402228.9	3782129	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3742	ALL	402248.9	3782129	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3743	ALL	402268.9	3782129	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3744	ALL	402288.9	3782129	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3745	ALL	402308.9	3782129	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3746	ALL	402328.9	3782129	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3747	ALL	402348.9	3782129	1.62E-07	1.333333Y	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3748	ALL	402368.9	3782129	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3749	ALL	402388.9	3782129	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3750	ALL	402408.9	3782129	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3751	ALL	402428.9	3782129	1.80E-07	1.333333Y	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3752	ALL	402448.9	3782129	1.87E-07	1.333333Y	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3753	ALL	402468.9	3782129	1.85E-07	1.333333Y	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3754	ALL	402488.9	3782129	1.79E-07	1.333333Y	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3755	ALL	402508.9	3782129	1.77E-07	1.333333Y	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3756	ALL	401308.9	3782149	7.75E-08	1.333333Y	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3757	ALL	401328.9	3782149	8.22E-08	1.333333Y	8.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3758	ALL	401348.9	3782149	8.33E-08	1.333333Y	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3759	ALL	401368.9	3782149	8.37E-08	1.333333Y	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3760	ALL	401388.9	3782149	8.46E-08	1.333333Y	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3761	ALL	401408.9	3782149	8.57E-08	1.333333Y	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3762	ALL	401428.9	3782149	8.51E-08	1.333333Y	8.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3763	ALL	401448.9	3782149	8.53E-08	1.333333Y	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3764	ALL	401468.9	3782149	8.78E-08	1.333333Y	8.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3765	ALL	401488.9	3782149	8.48E-08	1.333333Y	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3766	ALL	401508.9	3782149	8.70E-08	1.333333Y	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3767	ALL	401528.9	3782149	9.18E-08	1.333333Y	9.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3768	ALL	401548.9	3782149	9.18E-08	1.333333Y	9.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3769	ALL	401568.9	3782149	9.19E-08	1.333333Y	9.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3770	ALL	401588.9	3782149	9.62E-08	1.333333Y	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3771	ALL	401608.9	3782149	9.86E-08	1.333333Y	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3772	ALL	401628.9	3782149	1.03E-07	1.333333Y	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3773	ALL	401648.9	3782149	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3774	ALL	401668.9	3782149	1.10E-07	1.333333Y	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3775	ALL	401688.9	3782149	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3776	ALL	401708.9	3782149	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3777	ALL	401728.9	3782149	1.10E-07	1.333333Y	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3778	ALL	401748.9	3782149	1.18E-07	1.333333Y	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3779	ALL	401768.9	3782149	1.25E-07	1.333333Y	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3780	ALL	401788.9	3782149	1.37E-07	1.333333Y	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3781	ALL	401808.9	3782149	1.25E-07	1.333333Y	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3782	ALL	401828.9	3782149	1.19E-07	1.333333Y	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3783	ALL	401848.9	3782149	1.18E-07	1.333333Y	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3784	ALL	401868.9	3782149	1.18E-07	1.333333Y	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3785	ALL	401888.9	3782149	1.19E-07	1.333333Y	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3786	ALL	401908.9	3782149	1.22E-07	1.333333Y	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3787	ALL	401928.9	3782149	1.30E-07	1.333333Y	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3788	ALL	401948.9	3782149	1.41E-07	1.333333Y	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3789	ALL	401968.9	3782149	1.47E-07	1.333333Y	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3790	ALL	401988.9	3782149	1.38E-07	1.333333Y	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3791	ALL	402008.9	3782149	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3792	ALL	402028.9	3782149	1.39E-07	1.333333Y	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3793	ALL	402048.9	3782149	1.53E-07	1.333333Y	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3794	ALL	402068.9	3782149	1.59E-07	1.333333Y	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3795	ALL	402088.9	3782149	1.63E-07	1.333333Y	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3796	ALL	402108.9	3782149	1.65E-07	1.333333Y	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3797	ALL	402128.9	3782149	1.69E-07	1.333333Y	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3798	ALL	402148.9	3782149	1.72E-07	1.333333Y	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3799	ALL	402168.9	3782149	1.92E-07	1.333333Y	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3800	ALL	402188.9	3782149	2.36E-07	1.333333Y	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3801	ALL	402208.9	3782149	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3802	ALL	402228.9	3782149	1.51E-07	1.333333Y	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3803	ALL	402248.9	3782149	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3804	ALL	402268.9	3782149	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3805	ALL	402288.9	3782149	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3806	ALL	402308.9	3782149	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3807	ALL	402328.9	3782149	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3808	ALL	402348.9	3782149	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3809	ALL	402368.9	3782149	1.46E-07	1.333333Y	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3810	ALL	402388.9	3782149	1.50E-07	1.333333Y	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3811	ALL	402408.9	3782149	1.55E-07	1.333333Y	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3812	ALL	402428.9	3782149	1.59E-07	1.333333Y	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3813	ALL	402448.9	3782149	1.69E-07	1.333333Y	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3814	ALL	402468.9	3782149	1.68E-07	1.333333Y	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3815	ALL	402488.9	3782149	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3816	ALL	402508.9	3782149	1.59E-07	1.333333Y	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3817	ALL	401308.9	3782169	7.45E-08	1.333333Y	7.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3818	ALL	401328.9	3782169	7.51E-08	1.333333Y	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3819	ALL	401348.9	3782169	7.41E-08	1.333333Y	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3820	ALL	401368.9	3782169	7.59E-08	1.333333Y	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3821	ALL	401388.9	3782169	7.83E-08	1.333333Y	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3822	ALL	401408.9	3782169	7.99E-08	1.333333Y	7.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3823	ALL	401428.9	3782169	8.00E-08	1.333333Y	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3824	ALL	401448.9	3782169	8.34E-08	1.333333Y	8.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3825	ALL	401468.9	3782169	8.63E-08	1.333333Y	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3826	ALL	401488.9	3782169	7.98E-08	1.333333Y	7.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3827	ALL	401508.9	3782169	7.81E-08	1.333333Y	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3828	ALL	401528.9	3782169	8.01E-08	1.333333Y	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3829	ALL	401548.9	3782169	8.14E-08	1.333333Y	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3830	ALL	401568.9	3782169	8.16E-08	1.333333Y	8.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3831	ALL	401588.9	3782169	8.46E-08	1.333333Y	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3832	ALL	401608.9	3782169	8.66E-08	1.333333Y	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3833	ALL	401628.9	3782169	8.93E-08	1.333333Y	8.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3834	ALL	401648.9	3782169	9.26E-08	1.333333Y	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3835	ALL	401668.9	3782169	9.65E-08	1.333333Y	9.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3836	ALL	401688.9	3782169	9.39E-08	1.333333Y	9.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3837	ALL	401708.9	3782169	9.53E-08	1.333333Y	9.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3838	ALL	401728.9	3782169	9.83E-08	1.333333Y	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3839	ALL	401748.9	3782169	1.04E-07	1.333333Y	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3840	ALL	401768.9	3782169	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3841	ALL	401788.9	3782169	1.20E-07	1.333333Y	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3842	ALL	401808.9	3782169	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3843	ALL	401828.9	3782169	1.08E-07	1.333333Y	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3844	ALL	401848.9	3782169	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3845	ALL	401868.9	3782169	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3846	ALL	401888.9	3782169	1.08E-07	1.333333Y	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3847	ALL	401908.9	3782169	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3848	ALL	401928.9	3782169	1.20E-07	1.333333Y	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3849	ALL	401948.9	3782169	1.33E-07	1.333333Y	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3850	ALL	401968.9	3782169	1.25E-07	1.333333Y	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3851	ALL	401988.9	3782169	1.18E-07	1.333333Y	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3852	ALL	402008.9	3782169	1.18E-07	1.333333Y	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3853	ALL	402028.9	3782169	1.23E-07	1.333333Y	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3854	ALL	402048.9	3782169	1.28E-07	1.333333Y	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3855	ALL	402068.9	3782169	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3856	ALL	402088.9	3782169	1.45E-07	1.333333Y	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3857	ALL	402108.9	3782169	1.45E-07	1.333333Y	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3858	ALL	402128.9	3782169	1.49E-07	1.333333Y	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3859	ALL	402148.9	3782169	1.61E-07	1.333333Y	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3860	ALL	402168.9	3782169	2.05E-07	1.333333Y	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3861	ALL	402188.9	3782169	2.01E-07	1.333333Y	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3862	ALL	402208.9	3782169	1.73E-07	1.333333Y	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3863	ALL	402228.9	3782169	1.41E-07	1.333333Y	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3864	ALL	402248.9	3782169	1.33E-07	1.333333Y	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3865	ALL	402268.9	3782169	1.30E-07	1.333333Y	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3866	ALL	402288.9	3782169	1.28E-07	1.333333Y	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3867	ALL	402308.9	3782169	1.28E-07	1.333333Y	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3868	ALL	402328.9	3782169	1.28E-07	1.333333Y	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3869	ALL	402348.9	3782169	1.29E-07	1.333333Y	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3870	ALL	402368.9	3782169	1.31E-07	1.333333Y	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3871	ALL	402388.9	3782169	1.34E-07	1.333333Y	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3872	ALL	402408.9	3782169	1.37E-07	1.333333Y	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3873	ALL	402428.9	3782169	1.43E-07	1.333333Y	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3874	ALL	402448.9	3782169	1.52E-07	1.333333Y	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3875	ALL	402468.9	3782169	1.54E-07	1.333333Y	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3876	ALL	402488.9	3782169	1.47E-07	1.333333Y	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3877	ALL	402508.9	3782169	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3878	ALL	401308.9	3782189	6.99E-08	1.333333Y	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3879	ALL	401328.9	3782189	6.61E-08	1.333333Y	6.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3880	ALL	401348.9	3782189	6.87E-08	1.333333Y	6.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3881	ALL	401368.9	3782189	6.78E-08	1.333333Y	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3882	ALL	401388.9	3782189	7.01E-08	1.333333Y	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3883	ALL	401408.9	3782189	7.25E-08	1.333333Y	7.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3884	ALL	401428.9	3782189	7.43E-08	1.333333Y	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3885	ALL	401448.9	3782189	7.76E-08	1.333333Y	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3886	ALL	401468.9	3782189	8.08E-08	1.333333Y	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3887	ALL	401488.9	3782189	7.96E-08	1.333333Y	7.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3888	ALL	401508.9	3782189	7.38E-08	1.333333Y	7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3889	ALL	401528.9	3782189	7.22E-08	1.333333Y	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3890	ALL	401548.9	3782189	7.35E-08	1.333333Y	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3891	ALL	401568.9	3782189	7.41E-08	1.333333Y	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3892	ALL	401588.9	3782189	7.63E-08	1.333333Y	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3893	ALL	401608.9	3782189	7.80E-08	1.333333Y	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3894	ALL	401628.9	3782189	7.95E-08	1.333333Y	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3895	ALL	401648.9	3782189	8.13E-08	1.333333Y	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3896	ALL	401668.9	3782189	8.48E-08	1.333333Y	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3897	ALL	401688.9	3782189	8.52E-08	1.333333Y	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3898	ALL	401708.9	3782189	8.63E-08	1.333333Y	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3899	ALL	401728.9	3782189	8.94E-08	1.333333Y	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3900	ALL	401748.9	3782189	9.32E-08	1.333333Y	9.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3901	ALL	401768.9	3782189	9.80E-08	1.333333Y	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3902	ALL	401788.9	3782189	1.05E-07	1.333333Y	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3903	ALL	401808.9	3782189	1.01E-07	1.333333Y	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3904	ALL	401828.9	3782189	9.80E-08	1.333333Y	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3905	ALL	401848.9	3782189	9.72E-08	1.333333Y	9.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3906	ALL	401868.9	3782189	9.73E-08	1.333333Y	9.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3907	ALL	401888.9	3782189	9.95E-08	1.333333Y	9.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3908	ALL	401908.9	3782189	1.03E-07	1.333333Y	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3909	ALL	401928.9	3782189	1.08E-07	1.333333Y	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3910	ALL	401948.9	3782189	1.18E-07	1.333333Y	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3911	ALL	401968.9	3782189	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3912	ALL	401988.9	3782189	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3913	ALL	402008.9	3782189	1.05E-07	1.333333Y	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3914	ALL	402028.9	3782189	1.08E-07	1.333333Y	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3915	ALL	402048.9	3782189	1.11E-07	1.333333Y	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3916	ALL	402068.9	3782189	1.21E-07	1.333333Y	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3917	ALL	402088.9	3782189	1.29E-07	1.333333Y	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3918	ALL	402108.9	3782189	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3919	ALL	402128.9	3782189	1.30E-07	1.333333Y	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3920	ALL	402148.9	3782189	1.49E-07	1.333333Y	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3921	ALL	402168.9	3782189	1.82E-07	1.333333Y	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3922	ALL	402188.9	3782189	1.67E-07	1.333333Y	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3923	ALL	402208.9	3782189	1.45E-07	1.333333Y	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3924	ALL	402228.9	3782189	1.33E-07	1.333333Y	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3925	ALL	402248.9	3782189	1.26E-07	1.333333Y	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3926	ALL	402268.9	3782189	1.22E-07	1.333333Y	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3927	ALL	402288.9	3782189	1.20E-07	1.333333Y	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3928	ALL	402308.9	3782189	1.17E-07	1.333333Y	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3929	ALL	402328.9	3782189	1.17E-07	1.333333Y	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3930	ALL	402348.9	3782189	1.16E-07	1.333333Y	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3931	ALL	402368.9	3782189	1.18E-07	1.333333Y	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3932	ALL	402388.9	3782189	1.20E-07	1.333333Y	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3933	ALL	402408.9	3782189	1.24E-07	1.333333Y	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3934	ALL	402428.9	3782189	1.30E-07	1.333333Y	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3935	ALL	402448.9	3782189	1.35E-07	1.333333Y	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3936	ALL	402468.9	3782189	1.39E-07	1.333333Y	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3937	ALL	402488.9	3782189	1.33E-07	1.333333Y	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3938	ALL	402508.9	3782189	1.31E-07	1.333333Y	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3939	ALL	401308.9	3782209	6.22E-08	1.333333Y	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3940	ALL	401328.9	3782209	6.25E-08	1.333333Y	6.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3941	ALL	401348.9	3782209	6.18E-08	1.333333Y	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3942	ALL	401368.9	3782209	6.26E-08	1.333333Y	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3943	ALL	401388.9	3782209	6.27E-08	1.333333Y	6.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3944	ALL	401408.9	3782209	6.43E-08	1.333333Y	6.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3945	ALL	401428.9	3782209	6.65E-08	1.333333Y	6.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3946	ALL	401448.9	3782209	6.79E-08	1.333333Y	6.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3947	ALL	401468.9	3782209	7.05E-08	1.333333Y	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3948	ALL	401488.9	3782209	7.49E-08	1.333333Y	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3949	ALL	401508.9	3782209	7.13E-08	1.333333Y	7.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3950	ALL	401528.9	3782209	6.83E-08	1.333333Y	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3951	ALL	401548.9	3782209	6.77E-08	1.333333Y	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3952	ALL	401568.9	3782209	6.83E-08	1.333333Y	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3953	ALL	401588.9	3782209	7.00E-08	1.333333Y	7.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3954	ALL	401608.9	3782209	7.13E-08	1.333333Y	7.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3955	ALL	401628.9	3782209	7.30E-08	1.333333Y	7.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3956	ALL	401648.9	3782209	7.46E-08	1.333333Y	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3957	ALL	401668.9	3782209	7.75E-08	1.333333Y	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3958	ALL	401688.9	3782209	7.82E-08	1.333333Y	7.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3959	ALL	401708.9	3782209	7.93E-08	1.333333Y	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3960	ALL	401728.9	3782209	8.18E-08	1.333333Y	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3961	ALL	401748.9	3782209	8.52E-08	1.333333Y	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3962	ALL	401768.9	3782209	9.01E-08	1.333333Y	9.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3963	ALL	401788.9	3782209	9.41E-08	1.333333Y	9.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3964	ALL	401808.9	3782209	9.13E-08	1.333333Y	9.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3965	ALL	401828.9	3782209	8.96E-08	1.333333Y	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3966	ALL	401848.9	3782209	8.89E-08	1.333333Y	8.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3967	ALL	401868.9	3782209	8.94E-08	1.333333Y	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3968	ALL	401888.9	3782209	9.10E-08	1.333333Y	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3969	ALL	401908.9	3782209	9.42E-08	1.333333Y	9.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3970	ALL	401928.9	3782209	9.92E-08	1.333333Y	9.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3971	ALL	401948.9	3782209	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3972	ALL	401968.9	3782209	1.00E-07	1.333333Y	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3973	ALL	401988.9	3782209	9.56E-08	1.333333Y	9.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3974	ALL	402008.9	3782209	9.48E-08	1.333333Y	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3975	ALL	402028.9	3782209	9.79E-08	1.333333Y	9.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3976	ALL	402048.9	3782209	1.04E-07	1.333333Y	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3977	ALL	402068.9	3782209	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3978	ALL	402088.9	3782209	1.11E-07	1.333333Y	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3979	ALL	402108.9	3782209	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3980	ALL	402128.9	3782209	1.21E-07	1.333333Y	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3981	ALL	402148.9	3782209	1.32E-07	1.333333Y	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3982	ALL	402168.9	3782209	1.44E-07	1.333333Y	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3983	ALL	402188.9	3782209	1.64E-07	1.333333Y	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3984	ALL	402208.9	3782209	1.33E-07	1.333333Y	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3985	ALL	402228.9	3782209	1.26E-07	1.333333Y	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3986	ALL	402248.9	3782209	1.19E-07	1.333333Y	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3987	ALL	402268.9	3782209	1.13E-07	1.333333Y	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3988	ALL	402288.9	3782209	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3989	ALL	402308.9	3782209	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3990	ALL	402328.9	3782209	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3991	ALL	402348.9	3782209	1.06E-07	1.333333Y	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3992	ALL	402368.9	3782209	1.07E-07	1.333333Y	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3993	ALL	402388.9	3782209	1.09E-07	1.333333Y	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3994	ALL	402408.9	3782209	1.12E-07	1.333333Y	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3995	ALL	402428.9	3782209	1.16E-07	1.333333Y	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3996	ALL	402448.9	3782209	1.22E-07	1.333333Y	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3997	ALL	402468.9	3782209	1.27E-07	1.333333Y	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3998	ALL	402488.9	3782209	1.22E-07	1.333333Y	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3999	ALL	402508.9	3782209	1.19E-07	1.333333Y	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4000	ALL	402116.1	3781609	3.26E-06	1.333333Y	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4001	ALL	402111.6	3781632	4.80E-06	1.333333Y	4.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4002	ALL	402072.8	3781725	7.59E-06	1.333333Y	7.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4003	ALL	402058.7	3781777	7.08E-06	1.333333Y	7.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4004	ALL	402061.5	3781813	5.40E-06	1.333333Y	5.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4005	ALL	402065.5	3781835	3.54E-06	1.333333Y	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4006	ALL	401913.1	3781830	9.38E-06	1.333333Y	9.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4007	ALL	401870.3	3781887	4.76E-06	1.333333Y	4.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4008	ALL	401788.8	3781885	2.59E-06	1.333333Y	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4009	ALL	401791	3781612	3.84E-06	1.333333Y	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		399068	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05
2	ALL		399349.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05
3	ALL		399631.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
4	ALL		399913.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
5	ALL		400195.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
6	ALL		400477	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
7	ALL		400758.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05
8	ALL		401040.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
9	ALL		401322.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05
10	ALL		401604.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05
11	ALL		401886	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
12	ALL		402167.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-05
13	ALL		402449.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05
14	ALL		402731.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-05
15	ALL		403013.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
16	ALL		403295	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
17	ALL		403576.8	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
18	ALL		403858.6	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05
19	ALL		404140.4	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
20	ALL		404422.2	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
21	ALL		404704	3778942	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
22	ALL		399068	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05
23	ALL		399349.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05
24	ALL		399631.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
25	ALL		399913.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05
26	ALL		400195.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
27	ALL		400477	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
28	ALL		400758.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-05
29	ALL		401040.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05
30	ALL		401322.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05
31	ALL		401604.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05
32	ALL		401886	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
33	ALL		402167.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
34	ALL		402449.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05
35	ALL		402731.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05
36	ALL		403013.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-05
37	ALL		403295	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05
38	ALL		403576.8	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05
39	ALL		403858.6	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
40	ALL		404140.4	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05
41	ALL		404422.2	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05
42	ALL		404704	3779206	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
43	ALL		399068	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05
44	ALL		399349.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05
45	ALL		399631.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05
46	ALL		399913.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
47	ALL		400195.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
48	ALL		400477	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05
49	ALL		400758.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05
50	ALL		401040.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05
51	ALL		401322.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05
52	ALL		401604.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05
53	ALL		401886	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-05
54	ALL		402167.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05
55	ALL		402449.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05
56	ALL		402731.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-05
57	ALL		403013.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
58	ALL		403295	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05
59	ALL		403576.8	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-05
60	ALL		403858.6	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05
61	ALL		404140.4	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
62	ALL		404422.2	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-05
63	ALL		404704	3779469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05
64	ALL		399068	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05
65	ALL		399349.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05
66	ALL		399631.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05
67	ALL		399913.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05
68	ALL		400195.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
69	ALL		400477	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05
70	ALL		400758.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
71	ALL		401040.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05
72	ALL		401322.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05
73	ALL		401604.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05
74	ALL		401886	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05
75	ALL		402167.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05
76	ALL		402449.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05
77	ALL		402731.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05
78	ALL		403013.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
79	ALL		403295	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05
80	ALL		403576.8	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-05
81	ALL		403858.6	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05
82	ALL		404140.4	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
83	ALL		404422.2	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05
84	ALL		404704	3779733	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
85	ALL		399068	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
86	ALL		399349.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
87	ALL		399631.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
88	ALL		399913.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-05
89	ALL		400195.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
90	ALL		400477	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
91	ALL		400758.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05
92	ALL		401040.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05
93	ALL		401322.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05
94	ALL		401604.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-05
95	ALL		401886	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-05
96	ALL		402167.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-05
97	ALL		402449.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05
98	ALL		402731.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05

99	ALL	403013.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
100	ALL	403295	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05
101	ALL	403576.8	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05
102	ALL	403858.6	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
103	ALL	404140.4	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05
104	ALL	404422.2	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
105	ALL	404704	3779996	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05
106	ALL	399068	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05
107	ALL	399349.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05
108	ALL	399631.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05
109	ALL	399913.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
110	ALL	400195.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
111	ALL	400477	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
112	ALL	400758.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05
113	ALL	401040.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05
114	ALL	401322.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05
115	ALL	401604.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-05
116	ALL	401886	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05
117	ALL	402167.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-05
118	ALL	402449.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05
119	ALL	402731.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-05
120	ALL	403013.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
121	ALL	403295	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-05
122	ALL	403576.8	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-05
123	ALL	403858.6	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05
124	ALL	404140.4	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05
125	ALL	404422.2	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
126	ALL	404704	3780260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-05
127	ALL	399068	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
128	ALL	399349.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
129	ALL	399631.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05
130	ALL	399913.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
131	ALL	400195.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05
132	ALL	400477	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05
133	ALL	400758.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05
134	ALL	401040.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-05
135	ALL	401322.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05
136	ALL	401604.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-05
137	ALL	401886	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05
138	ALL	402167.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05
139	ALL	402449.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-05
140	ALL	402731.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
141	ALL	403013.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
142	ALL	403295	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-05
143	ALL	403576.8	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05
144	ALL	403858.6	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05
145	ALL	404140.4	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05
146	ALL	404422.2	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05
147	ALL	404704	3780523	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
148	ALL	399068	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
149	ALL	399349.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05
150	ALL	399631.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05
151	ALL	399913.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
152	ALL	400195.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05
153	ALL	400477	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05
154	ALL	400758.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05
155	ALL	401040.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-05
156	ALL	401322.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-05
157	ALL	401604.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
158	ALL	401886	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
159	ALL	402167.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
160	ALL	402449.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
161	ALL	402731.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
162	ALL	403013.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
163	ALL	403295	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-05
164	ALL	403576.8	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05
165	ALL	403858.6	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05
166	ALL	404140.4	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05
167	ALL	404422.2	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05
168	ALL	404704	3780787	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05
169	ALL	399068	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
170	ALL	399349.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
171	ALL	399631.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-05
172	ALL	399913.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05
173	ALL	400195.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-05
174	ALL	400477	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05
175	ALL	400758.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05
176	ALL	401040.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05
177	ALL	401322.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
178	ALL	401604.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
179	ALL	401886	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
180	ALL	402167.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
181	ALL	402449.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
182	ALL	402731.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
183	ALL	403013.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
184	ALL	403295	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05
185	ALL	403576.8	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-05
186	ALL	403858.6	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-05
187	ALL	404140.4	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-05
188	ALL	404422.2	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05
189	ALL	404704	3781050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
190	ALL	399068	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-05
191	ALL	399349.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
192	ALL	399631.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05
193	ALL	399913.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-05
194	ALL	400195.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-05
195	ALL	400477	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-05
196	ALL	400758.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05
197	ALL	401040.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04

198	ALL	401322.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
199	ALL	401604.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
200	ALL	401886	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
201	ALL	402167.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
202	ALL	402449.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
203	ALL	402731.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
204	ALL	403013.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04
205	ALL	403295	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
206	ALL	403576.8	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-05
207	ALL	403858.6	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05
208	ALL	404140.4	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-05
209	ALL	404422.2	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05
210	ALL	404704	3781314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
211	ALL	399068	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
212	ALL	399349.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
213	ALL	399631.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05
214	ALL	399913.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05
215	ALL	400195.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05
216	ALL	400477	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-05
217	ALL	400758.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05
218	ALL	401040.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
219	ALL	401322.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
220	ALL	401604.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
221	ALL	401886	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
222	ALL	402167.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
223	ALL	402449.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
224	ALL	402731.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
225	ALL	403013.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04
226	ALL	403295	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
227	ALL	403576.8	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05
228	ALL	403858.6	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-05
229	ALL	404140.4	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05
230	ALL	404422.2	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05
231	ALL	404704	3781578	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05
232	ALL	399068	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
233	ALL	399349.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05
234	ALL	399631.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-05
235	ALL	399913.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05
236	ALL	400195.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05
237	ALL	400477	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05
238	ALL	400758.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05
239	ALL	401040.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
240	ALL	401322.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
241	ALL	401604.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
242	ALL	402167.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
243	ALL	402449.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
244	ALL	402731.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
245	ALL	403013.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
246	ALL	403295	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
247	ALL	403576.8	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05
248	ALL	403858.6	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-05
249	ALL	404140.4	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05
250	ALL	404422.2	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05
251	ALL	404704	3781841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05
252	ALL	399068	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
253	ALL	399349.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
254	ALL	399631.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05
255	ALL	399913.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
256	ALL	400195.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05
257	ALL	400477	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05
258	ALL	400758.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05
259	ALL	401040.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-05
260	ALL	401322.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05
261	ALL	401604.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
262	ALL	401886	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
263	ALL	402167.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
264	ALL	402449.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
265	ALL	402731.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
266	ALL	403013.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
267	ALL	403295	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
268	ALL	403576.8	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05
269	ALL	403858.6	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-05
270	ALL	404140.4	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05
271	ALL	404422.2	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05
272	ALL	404704	3782105	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05
273	ALL	399068	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
274	ALL	399349.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05
275	ALL	399631.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05
276	ALL	399913.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
277	ALL	400195.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
278	ALL	400477	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
279	ALL	400758.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05
280	ALL	401040.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05
281	ALL	401322.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05
282	ALL	401604.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05
283	ALL	401886	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-05
284	ALL	402167.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05
285	ALL	402449.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-05
286	ALL	402731.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-05
287	ALL	403013.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05
288	ALL	403295	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-05
289	ALL	403576.8	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05
290	ALL	403858.6	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-05
291	ALL	404140.4	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05
292	ALL	404422.2	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05
293	ALL	404704	3782368	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05
294	ALL	399068	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
295	ALL	399349.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
296	ALL	399631.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05

297	ALL	399913.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
298	ALL	400195.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
299	ALL	400477	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05
300	ALL	400758.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05
301	ALL	401040.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
302	ALL	401322.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-05
303	ALL	401604.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-05
304	ALL	401886	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05
305	ALL	402167.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05
306	ALL	402449.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05
307	ALL	402731.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
308	ALL	403013.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
309	ALL	403295	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
310	ALL	403576.8	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05
311	ALL	403858.6	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05
312	ALL	404140.4	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-05
313	ALL	404422.2	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05
314	ALL	404704	3782632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05
315	ALL	399068	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
316	ALL	399349.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05
317	ALL	399631.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-06
318	ALL	399913.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05
319	ALL	400195.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05
320	ALL	400477	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05
321	ALL	400758.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05
322	ALL	401040.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05
323	ALL	401322.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05
324	ALL	401604.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
325	ALL	401886	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05
326	ALL	402167.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
327	ALL	402449.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05
328	ALL	402731.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05
329	ALL	403013.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05
330	ALL	403295	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
331	ALL	403576.8	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05
332	ALL	403858.6	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
333	ALL	404140.4	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
334	ALL	404422.2	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05
335	ALL	404704	3782895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05
336	ALL	399068	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
337	ALL	399349.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05
338	ALL	399631.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-06
339	ALL	399913.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-06
340	ALL	400195.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-06
341	ALL	400477	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-06
342	ALL	400758.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-06
343	ALL	401040.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-06
344	ALL	401322.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05
345	ALL	401604.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05
346	ALL	401886	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05
347	ALL	402167.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
348	ALL	402449.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05
349	ALL	402731.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05
350	ALL	403013.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
351	ALL	403295	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05
352	ALL	403576.8	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
353	ALL	403858.6	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05
354	ALL	404140.4	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
355	ALL	404422.2	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
356	ALL	404704	3783159	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
357	ALL	399068	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-06
358	ALL	399349.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-06
359	ALL	399631.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-06
360	ALL	399913.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-06
361	ALL	400195.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-06
362	ALL	400477	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-06
363	ALL	400758.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-06
364	ALL	401040.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-06
365	ALL	401322.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-06
366	ALL	401604.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-06
367	ALL	401886	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-06
368	ALL	402167.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-06
369	ALL	402449.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-06
370	ALL	402731.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-06
371	ALL	403013.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-06
372	ALL	403295	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-06
373	ALL	403576.8	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05
374	ALL	403858.6	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05
375	ALL	404140.4	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05
376	ALL	404422.2	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05
377	ALL	404704	3783422	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05
378	ALL	399068	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-06
379	ALL	399349.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-06
380	ALL	399631.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-06
381	ALL	399913.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-06
382	ALL	400195.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-06
383	ALL	400477	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-06
384	ALL	400758.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-06
385	ALL	401040.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-06
386	ALL	401322.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-06
387	ALL	401604.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-06
388	ALL	401886	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-06
389	ALL	402167.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-06
390	ALL	402449.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-06
391	ALL	402731.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-06
392	ALL	403013.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-06
393	ALL	403295	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-06
394	ALL	403576.8	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-06
395	ALL	403858.6	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-06

396	ALL	404140.4	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-06
397	ALL	404422.2	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-06
398	ALL	404704	3783686	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-06
399	ALL	399068	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-06
400	ALL	399349.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-06
401	ALL	399631.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-06
402	ALL	399913.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-06
403	ALL	400195.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-06
404	ALL	400477	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-06
405	ALL	400758.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-06
406	ALL	401040.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-06
407	ALL	401322.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-06
408	ALL	401604.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-06
409	ALL	401886	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-06
410	ALL	402167.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06
411	ALL	402449.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-06
412	ALL	402731.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-06
413	ALL	403013.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-06
414	ALL	403295	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-06
415	ALL	403576.8	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-06
416	ALL	403858.6	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-06
417	ALL	404140.4	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-06
418	ALL	404422.2	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-06
419	ALL	404704	3783950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-06
420	ALL	399068	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-06
421	ALL	399349.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-06
422	ALL	399631.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-06
423	ALL	399913.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-06
424	ALL	400195.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-06
425	ALL	400477	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-06
426	ALL	400758.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-06
427	ALL	401040.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-06
428	ALL	401322.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-06
429	ALL	401604.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-06
430	ALL	401886	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06
431	ALL	402167.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06
432	ALL	402449.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-06
433	ALL	402731.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-06
434	ALL	403013.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-06
435	ALL	403295	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-06
436	ALL	403576.8	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-06
437	ALL	403858.6	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-06
438	ALL	404140.4	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-06
439	ALL	404422.2	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-06
440	ALL	404704	3784213	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-06
441	ALL	401308.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
442	ALL	401328.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
443	ALL	401348.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
444	ALL	401368.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
445	ALL	401388.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
446	ALL	401408.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
447	ALL	401428.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
448	ALL	401448.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
449	ALL	401468.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
450	ALL	401488.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
451	ALL	401508.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
452	ALL	401528.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
453	ALL	401548.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
454	ALL	401568.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
455	ALL	401588.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
456	ALL	401608.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
457	ALL	401628.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
458	ALL	401648.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
459	ALL	401668.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
460	ALL	401688.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
461	ALL	401708.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
462	ALL	401728.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
463	ALL	401748.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
464	ALL	401768.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
465	ALL	401788.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
466	ALL	401808.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
467	ALL	401828.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
468	ALL	401848.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
469	ALL	401868.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
470	ALL	401888.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
471	ALL	401908.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
472	ALL	401928.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
473	ALL	401948.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
474	ALL	401968.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
475	ALL	401988.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
476	ALL	402008.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
477	ALL	402028.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
478	ALL	402048.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
479	ALL	402068.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
480	ALL	402088.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
481	ALL	402108.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
482	ALL	402128.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
483	ALL	402148.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
484	ALL	402168.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
485	ALL	402188.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
486	ALL	402208.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
487	ALL	402228.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
488	ALL	402248.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
489	ALL	402268.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
490	ALL	402288.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
491	ALL	402308.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
492	ALL	402328.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
493	ALL	402348.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
494	ALL	402368.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04

495	ALL	402388.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
496	ALL	402408.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
497	ALL	402428.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
498	ALL	402448.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
499	ALL	402468.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
500	ALL	402488.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
501	ALL	402508.9	3781009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
502	ALL	401308.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
503	ALL	401328.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
504	ALL	401348.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
505	ALL	401368.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
506	ALL	401388.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
507	ALL	401408.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
508	ALL	401428.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
509	ALL	401448.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
510	ALL	401468.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
511	ALL	401488.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
512	ALL	401508.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
513	ALL	401528.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
514	ALL	401548.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
515	ALL	401568.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
516	ALL	401588.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
517	ALL	401608.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
518	ALL	401628.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
519	ALL	401648.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
520	ALL	401668.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
521	ALL	401688.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
522	ALL	401708.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
523	ALL	401728.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
524	ALL	401748.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
525	ALL	401768.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
526	ALL	401788.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
527	ALL	401808.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
528	ALL	401828.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
529	ALL	401848.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
530	ALL	401868.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
531	ALL	401888.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
532	ALL	401908.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
533	ALL	401928.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
534	ALL	401948.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
535	ALL	401968.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
536	ALL	401988.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
537	ALL	402008.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
538	ALL	402028.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
539	ALL	402048.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
540	ALL	402068.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
541	ALL	402088.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
542	ALL	402108.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
543	ALL	402128.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
544	ALL	402148.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
545	ALL	402168.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
546	ALL	402188.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
547	ALL	402208.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
548	ALL	402228.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
549	ALL	402248.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
550	ALL	402268.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
551	ALL	402288.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
552	ALL	402308.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
553	ALL	402328.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
554	ALL	402348.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
555	ALL	402368.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
556	ALL	402388.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
557	ALL	402408.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
558	ALL	402428.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
559	ALL	402448.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
560	ALL	402468.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
561	ALL	402488.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
562	ALL	402508.9	3781029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
563	ALL	401308.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
564	ALL	401328.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
565	ALL	401348.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
566	ALL	401368.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
567	ALL	401388.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
568	ALL	401408.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
569	ALL	401428.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
570	ALL	401448.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
571	ALL	401468.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
572	ALL	401488.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
573	ALL	401508.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
574	ALL	401528.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
575	ALL	401548.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
576	ALL	401568.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
577	ALL	401588.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
578	ALL	401608.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
579	ALL	401628.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
580	ALL	401648.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
581	ALL	401668.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
582	ALL	401688.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
583	ALL	401708.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
584	ALL	401728.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
585	ALL	401748.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
586	ALL	401768.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
587	ALL	401788.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
588	ALL	401808.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
589	ALL	401828.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
590	ALL	401848.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
591	ALL	401868.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
592	ALL	401888.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
593	ALL	401908.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04

594	ALL	401928.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
595	ALL	401948.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
596	ALL	401968.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
597	ALL	401988.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
598	ALL	402008.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
599	ALL	402028.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
600	ALL	402048.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
601	ALL	402068.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
602	ALL	402088.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
603	ALL	402108.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
604	ALL	402128.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
605	ALL	402148.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
606	ALL	402168.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
607	ALL	402188.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
608	ALL	402208.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
609	ALL	402228.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
610	ALL	402248.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
611	ALL	402268.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
612	ALL	402288.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
613	ALL	402308.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
614	ALL	402328.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
615	ALL	402348.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
616	ALL	402368.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
617	ALL	402388.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
618	ALL	402408.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
619	ALL	402428.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
620	ALL	402448.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
621	ALL	402468.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
622	ALL	402488.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
623	ALL	402508.9	3781049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
624	ALL	401308.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
625	ALL	401328.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
626	ALL	401348.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
627	ALL	401368.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
628	ALL	401388.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
629	ALL	401408.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
630	ALL	401428.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
631	ALL	401448.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
632	ALL	401468.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
633	ALL	401488.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
634	ALL	401508.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
635	ALL	401528.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
636	ALL	401548.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
637	ALL	401568.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
638	ALL	401588.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
639	ALL	401608.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
640	ALL	401628.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
641	ALL	401648.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
642	ALL	401668.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
643	ALL	401688.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
644	ALL	401708.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
645	ALL	401728.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
646	ALL	401748.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
647	ALL	401768.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
648	ALL	401788.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
649	ALL	401808.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
650	ALL	401828.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
651	ALL	401848.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
652	ALL	401868.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
653	ALL	401888.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
654	ALL	401908.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
655	ALL	401928.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
656	ALL	401948.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
657	ALL	401968.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
658	ALL	401988.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
659	ALL	402008.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
660	ALL	402028.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
661	ALL	402048.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
662	ALL	402068.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
663	ALL	402088.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
664	ALL	402108.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
665	ALL	402128.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
666	ALL	402148.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
667	ALL	402168.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
668	ALL	402188.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
669	ALL	402208.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
670	ALL	402228.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
671	ALL	402248.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
672	ALL	402268.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
673	ALL	402288.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
674	ALL	402308.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
675	ALL	402328.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
676	ALL	402348.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
677	ALL	402368.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
678	ALL	402388.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
679	ALL	402408.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
680	ALL	402428.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
681	ALL	402448.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
682	ALL	402468.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
683	ALL	402488.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
684	ALL	402508.9	3781069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
685	ALL	401308.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
686	ALL	401328.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
687	ALL	401348.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
688	ALL	401368.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
689	ALL	401388.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
690	ALL	401408.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
691	ALL	401428.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
692	ALL	401448.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04

693	ALL	401468.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
694	ALL	401488.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
695	ALL	401508.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
696	ALL	401528.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
697	ALL	401548.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
698	ALL	401568.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
699	ALL	401588.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
700	ALL	401608.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
701	ALL	401628.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
702	ALL	401648.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
703	ALL	401668.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
704	ALL	401688.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
705	ALL	401708.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
706	ALL	401728.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
707	ALL	401748.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
708	ALL	401768.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
709	ALL	401788.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
710	ALL	401808.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
711	ALL	401828.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
712	ALL	401848.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
713	ALL	401868.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
714	ALL	401888.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
715	ALL	401908.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
716	ALL	401928.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
717	ALL	401948.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
718	ALL	401968.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
719	ALL	401988.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
720	ALL	402008.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
721	ALL	402028.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
722	ALL	402048.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
723	ALL	402068.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
724	ALL	402088.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
725	ALL	402108.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
726	ALL	402128.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
727	ALL	402148.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
728	ALL	402168.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
729	ALL	402188.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
730	ALL	402208.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
731	ALL	402228.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
732	ALL	402248.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
733	ALL	402268.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
734	ALL	402288.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
735	ALL	402308.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
736	ALL	402328.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
737	ALL	402348.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
738	ALL	402368.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
739	ALL	402388.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
740	ALL	402408.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
741	ALL	402428.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
742	ALL	402448.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
743	ALL	402468.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
744	ALL	402488.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
745	ALL	402508.9	3781089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
746	ALL	401308.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
747	ALL	401328.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
748	ALL	401348.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
749	ALL	401368.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
750	ALL	401388.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
751	ALL	401408.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
752	ALL	401428.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
753	ALL	401448.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
754	ALL	401468.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
755	ALL	401488.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
756	ALL	401508.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
757	ALL	401528.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
758	ALL	401548.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
759	ALL	401568.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
760	ALL	401588.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
761	ALL	401608.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
762	ALL	401628.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
763	ALL	401648.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
764	ALL	401668.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
765	ALL	401688.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
766	ALL	401708.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
767	ALL	401728.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
768	ALL	401748.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
769	ALL	401768.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
770	ALL	401788.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
771	ALL	401808.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
772	ALL	401828.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
773	ALL	401848.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
774	ALL	401868.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
775	ALL	401888.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
776	ALL	401908.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
777	ALL	401928.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
778	ALL	401948.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
779	ALL	401968.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
780	ALL	401988.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
781	ALL	402008.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
782	ALL	402028.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
783	ALL	402048.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
784	ALL	402068.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
785	ALL	402088.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
786	ALL	402108.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
787	ALL	402128.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
788	ALL	402148.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
789	ALL	402168.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
790	ALL	402188.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
791	ALL	402208.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04

792	ALL	402228.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
793	ALL	402248.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
794	ALL	402268.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
795	ALL	402288.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
796	ALL	402308.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
797	ALL	402328.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
798	ALL	402348.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
799	ALL	402368.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
800	ALL	402388.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
801	ALL	402408.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
802	ALL	402428.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
803	ALL	402448.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
804	ALL	402468.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
805	ALL	402488.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
806	ALL	402508.9	3781109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
807	ALL	401308.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
808	ALL	401328.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
809	ALL	401348.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
810	ALL	401368.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
811	ALL	401388.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
812	ALL	401408.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
813	ALL	401428.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
814	ALL	401448.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
815	ALL	401468.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
816	ALL	401488.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
817	ALL	401508.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
818	ALL	401528.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
819	ALL	401548.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
820	ALL	401568.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
821	ALL	401588.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
822	ALL	401608.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
823	ALL	401628.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
824	ALL	401648.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
825	ALL	401668.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
826	ALL	401688.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
827	ALL	401708.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
828	ALL	401728.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
829	ALL	401748.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
830	ALL	401768.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
831	ALL	401788.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
832	ALL	401808.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
833	ALL	401828.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
834	ALL	401848.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
835	ALL	401868.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
836	ALL	401888.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
837	ALL	401908.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
838	ALL	401928.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
839	ALL	401948.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
840	ALL	401968.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
841	ALL	401988.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
842	ALL	402008.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
843	ALL	402028.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
844	ALL	402048.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
845	ALL	402068.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
846	ALL	402088.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
847	ALL	402108.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
848	ALL	402128.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
849	ALL	402148.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
850	ALL	402168.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
851	ALL	402188.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
852	ALL	402208.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
853	ALL	402228.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
854	ALL	402248.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
855	ALL	402268.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
856	ALL	402288.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
857	ALL	402308.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
858	ALL	402328.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
859	ALL	402348.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
860	ALL	402368.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
861	ALL	402388.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
862	ALL	402408.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
863	ALL	402428.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
864	ALL	402448.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
865	ALL	402468.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
866	ALL	402488.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
867	ALL	402508.9	3781129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
868	ALL	401308.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
869	ALL	401328.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
870	ALL	401348.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
871	ALL	401368.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
872	ALL	401388.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
873	ALL	401408.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
874	ALL	401428.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
875	ALL	401448.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
876	ALL	401468.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
877	ALL	401488.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
878	ALL	401508.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
879	ALL	401528.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
880	ALL	401548.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
881	ALL	401568.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
882	ALL	401588.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
883	ALL	401608.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
884	ALL	401628.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
885	ALL	401648.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
886	ALL	401668.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
887	ALL	401688.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
888	ALL	401708.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
889	ALL	401728.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
890	ALL	401748.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04

891	ALL	401768.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
892	ALL	401788.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
893	ALL	401808.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
894	ALL	401828.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
895	ALL	401848.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
896	ALL	401868.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
897	ALL	401888.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
898	ALL	401908.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
899	ALL	401928.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
900	ALL	401948.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
901	ALL	401968.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
902	ALL	401988.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
903	ALL	402008.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
904	ALL	402028.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
905	ALL	402048.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
906	ALL	402068.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
907	ALL	402088.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
908	ALL	402108.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
909	ALL	402128.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
910	ALL	402148.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
911	ALL	402168.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
912	ALL	402188.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
913	ALL	402208.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
914	ALL	402228.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
915	ALL	402248.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
916	ALL	402268.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
917	ALL	402288.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
918	ALL	402308.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
919	ALL	402328.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
920	ALL	402348.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
921	ALL	402368.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
922	ALL	402388.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
923	ALL	402408.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
924	ALL	402428.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
925	ALL	402448.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
926	ALL	402468.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
927	ALL	402488.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
928	ALL	402508.9	3781149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
929	ALL	401308.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
930	ALL	401328.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
931	ALL	401348.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
932	ALL	401368.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
933	ALL	401388.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
934	ALL	401408.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
935	ALL	401428.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
936	ALL	401448.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
937	ALL	401468.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
938	ALL	401488.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
939	ALL	401508.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
940	ALL	401528.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
941	ALL	401548.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
942	ALL	401568.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
943	ALL	401588.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
944	ALL	401608.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
945	ALL	401628.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
946	ALL	401648.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
947	ALL	401668.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
948	ALL	401688.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
949	ALL	401708.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
950	ALL	401728.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
951	ALL	401748.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
952	ALL	401768.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
953	ALL	401788.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
954	ALL	401808.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
955	ALL	401828.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
956	ALL	401848.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
957	ALL	401868.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
958	ALL	401888.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
959	ALL	401908.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
960	ALL	401928.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
961	ALL	401948.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
962	ALL	401968.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
963	ALL	401988.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
964	ALL	402008.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
965	ALL	402028.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
966	ALL	402048.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
967	ALL	402068.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
968	ALL	402088.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
969	ALL	402108.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
970	ALL	402128.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
971	ALL	402148.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
972	ALL	402168.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
973	ALL	402188.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
974	ALL	402208.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
975	ALL	402228.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
976	ALL	402248.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
977	ALL	402268.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
978	ALL	402288.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
979	ALL	402308.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
980	ALL	402328.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
981	ALL	402348.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
982	ALL	402368.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
983	ALL	402388.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
984	ALL	402408.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
985	ALL	402428.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
986	ALL	402448.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
987	ALL	402468.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
988	ALL	402488.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
989	ALL	402508.9	3781169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04

990	ALL	401308.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
991	ALL	401328.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
992	ALL	401348.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
993	ALL	401368.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
994	ALL	401388.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
995	ALL	401408.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
996	ALL	401428.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
997	ALL	401448.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
998	ALL	401468.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
999	ALL	401488.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
1000	ALL	401508.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
1001	ALL	401528.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
1002	ALL	401548.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1003	ALL	401568.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
1004	ALL	401588.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
1005	ALL	401608.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
1006	ALL	401628.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
1007	ALL	401648.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1008	ALL	401668.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
1009	ALL	401688.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
1010	ALL	401708.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
1011	ALL	401728.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
1012	ALL	401748.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
1013	ALL	401768.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
1014	ALL	401788.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1015	ALL	401808.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
1016	ALL	401828.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
1017	ALL	401848.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
1018	ALL	401868.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
1019	ALL	401888.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
1020	ALL	401908.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1021	ALL	401928.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
1022	ALL	401948.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
1023	ALL	401968.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
1024	ALL	401988.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
1025	ALL	402008.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
1026	ALL	402028.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
1027	ALL	402048.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
1028	ALL	402068.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1029	ALL	402088.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
1030	ALL	402108.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
1031	ALL	402128.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
1032	ALL	402148.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
1033	ALL	402168.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
1034	ALL	402188.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
1035	ALL	402208.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
1036	ALL	402228.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
1037	ALL	402248.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
1038	ALL	402268.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
1039	ALL	402288.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
1040	ALL	402308.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
1041	ALL	402328.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1042	ALL	402348.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1043	ALL	402368.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
1044	ALL	402388.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
1045	ALL	402408.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
1046	ALL	402428.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
1047	ALL	402448.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
1048	ALL	402468.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
1049	ALL	402488.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
1050	ALL	402508.9	3781189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
1051	ALL	401308.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
1052	ALL	401328.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
1053	ALL	401348.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
1054	ALL	401368.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
1055	ALL	401388.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
1056	ALL	401408.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
1057	ALL	401428.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
1058	ALL	401448.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
1059	ALL	401468.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
1060	ALL	401488.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
1061	ALL	401508.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
1062	ALL	401528.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1063	ALL	401548.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
1064	ALL	401568.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
1065	ALL	401588.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
1066	ALL	401608.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1067	ALL	401628.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
1068	ALL	401648.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
1069	ALL	401668.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
1070	ALL	401688.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
1071	ALL	401708.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
1072	ALL	401728.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
1073	ALL	401748.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
1074	ALL	401768.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1075	ALL	401788.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
1076	ALL	401808.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
1077	ALL	401828.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
1078	ALL	401848.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
1079	ALL	401868.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
1080	ALL	401888.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1081	ALL	401908.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
1082	ALL	401928.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1083	ALL	401948.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1084	ALL	401968.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
1085	ALL	401988.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
1086	ALL	402008.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
1087	ALL	402028.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
1088	ALL	402048.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04

1089	ALL	402068.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
1090	ALL	402088.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1091	ALL	402108.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
1092	ALL	402128.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
1093	ALL	402148.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
1094	ALL	402168.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
1095	ALL	402188.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
1096	ALL	402208.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
1097	ALL	402228.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
1098	ALL	402248.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
1099	ALL	402268.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1100	ALL	402288.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
1101	ALL	402308.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
1102	ALL	402328.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
1103	ALL	402348.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
1104	ALL	402368.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1105	ALL	402388.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1106	ALL	402408.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
1107	ALL	402428.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
1108	ALL	402448.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
1109	ALL	402468.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
1110	ALL	402488.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1111	ALL	402508.9	3781209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
1112	ALL	401308.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
1113	ALL	401328.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
1114	ALL	401348.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
1115	ALL	401368.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
1116	ALL	401388.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
1117	ALL	401408.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1118	ALL	401428.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
1119	ALL	401448.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
1120	ALL	401468.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
1121	ALL	401488.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
1122	ALL	401508.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
1123	ALL	401528.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
1124	ALL	401548.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
1125	ALL	401568.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
1126	ALL	401588.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
1127	ALL	401608.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
1128	ALL	401628.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
1129	ALL	401648.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
1130	ALL	401668.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
1131	ALL	401688.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
1132	ALL	401708.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
1133	ALL	401728.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
1134	ALL	401748.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
1135	ALL	401768.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1136	ALL	401788.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
1137	ALL	401808.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
1138	ALL	401828.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
1139	ALL	401848.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
1140	ALL	401868.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
1141	ALL	401888.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
1142	ALL	401908.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
1143	ALL	401928.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
1144	ALL	401948.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
1145	ALL	401968.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1146	ALL	401988.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
1147	ALL	402008.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
1148	ALL	402028.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
1149	ALL	402048.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
1150	ALL	402068.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
1151	ALL	402088.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
1152	ALL	402108.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
1153	ALL	402128.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
1154	ALL	402148.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
1155	ALL	402168.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
1156	ALL	402188.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
1157	ALL	402208.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
1158	ALL	402228.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
1159	ALL	402248.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
1160	ALL	402268.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
1161	ALL	402288.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
1162	ALL	402308.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1163	ALL	402328.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
1164	ALL	402348.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
1165	ALL	402368.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
1166	ALL	402388.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
1167	ALL	402408.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
1168	ALL	402428.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
1169	ALL	402448.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
1170	ALL	402468.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
1171	ALL	402488.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
1172	ALL	402508.9	3781229	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
1173	ALL	401308.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
1174	ALL	401328.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
1175	ALL	401348.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
1176	ALL	401368.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
1177	ALL	401388.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1178	ALL	401408.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
1179	ALL	401428.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
1180	ALL	401448.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
1181	ALL	401468.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
1182	ALL	401488.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
1183	ALL	401508.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
1184	ALL	401528.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
1185	ALL	401548.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1186	ALL	401568.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
1187	ALL	401588.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04

1188	ALL	401608.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
1189	ALL	401628.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
1190	ALL	401648.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
1191	ALL	401668.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
1192	ALL	401688.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
1193	ALL	401708.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1194	ALL	401728.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
1195	ALL	401748.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
1196	ALL	401768.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
1197	ALL	401788.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
1198	ALL	401808.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
1199	ALL	401828.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
1200	ALL	401848.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
1201	ALL	401868.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
1202	ALL	401888.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
1203	ALL	401908.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
1204	ALL	401928.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
1205	ALL	401948.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
1206	ALL	401968.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
1207	ALL	401988.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
1208	ALL	402008.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
1209	ALL	402028.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
1210	ALL	402048.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
1211	ALL	402068.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
1212	ALL	402088.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
1213	ALL	402108.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
1214	ALL	402128.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
1215	ALL	402148.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
1216	ALL	402168.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
1217	ALL	402188.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
1218	ALL	402208.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
1219	ALL	402228.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
1220	ALL	402248.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1221	ALL	402268.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
1222	ALL	402288.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
1223	ALL	402308.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
1224	ALL	402328.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
1225	ALL	402348.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1226	ALL	402368.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
1227	ALL	402388.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
1228	ALL	402408.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
1229	ALL	402428.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
1230	ALL	402448.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1231	ALL	402468.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
1232	ALL	402488.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
1233	ALL	402508.9	3781249	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
1234	ALL	401308.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
1235	ALL	401328.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
1236	ALL	401348.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
1237	ALL	401368.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1238	ALL	401388.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
1239	ALL	401408.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
1240	ALL	401428.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
1241	ALL	401448.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
1242	ALL	401468.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
1243	ALL	401488.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
1244	ALL	401508.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
1245	ALL	401528.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
1246	ALL	401548.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
1247	ALL	401568.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
1248	ALL	401588.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
1249	ALL	401608.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
1250	ALL	401628.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
1251	ALL	401648.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
1252	ALL	401668.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
1253	ALL	401688.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
1254	ALL	401708.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
1255	ALL	401728.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
1256	ALL	401748.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
1257	ALL	401768.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
1258	ALL	401788.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
1259	ALL	401808.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
1260	ALL	401828.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
1261	ALL	401848.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
1262	ALL	401868.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
1263	ALL	401888.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
1264	ALL	401908.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
1265	ALL	401928.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
1266	ALL	401948.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
1267	ALL	401968.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
1268	ALL	401988.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04
1269	ALL	402008.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
1270	ALL	402028.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
1271	ALL	402048.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
1272	ALL	402068.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
1273	ALL	402088.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
1274	ALL	402108.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
1275	ALL	402128.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
1276	ALL	402148.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
1277	ALL	402168.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
1278	ALL	402188.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
1279	ALL	402208.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1280	ALL	402228.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
1281	ALL	402248.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
1282	ALL	402268.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
1283	ALL	402288.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1284	ALL	402308.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
1285	ALL	402328.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
1286	ALL	402348.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04

1287	ALL	402368.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
1288	ALL	402388.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
1289	ALL	402408.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
1290	ALL	402428.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
1291	ALL	402448.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
1292	ALL	402468.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
1293	ALL	402488.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
1294	ALL	402508.9	3781269	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
1295	ALL	401308.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
1296	ALL	401328.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
1297	ALL	401348.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
1298	ALL	401368.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
1299	ALL	401388.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
1300	ALL	401408.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
1301	ALL	401428.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1302	ALL	401448.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
1303	ALL	401468.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
1304	ALL	401488.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
1305	ALL	401508.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
1306	ALL	401528.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
1307	ALL	401548.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
1308	ALL	401568.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
1309	ALL	401588.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1310	ALL	401608.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
1311	ALL	401628.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
1312	ALL	401648.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
1313	ALL	401668.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
1314	ALL	401688.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
1315	ALL	401708.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
1316	ALL	401728.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
1317	ALL	401748.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
1318	ALL	401768.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
1319	ALL	401788.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04
1320	ALL	401808.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
1321	ALL	401828.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
1322	ALL	401848.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
1323	ALL	401868.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
1324	ALL	401888.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
1325	ALL	401908.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
1326	ALL	401928.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
1327	ALL	401948.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
1328	ALL	401968.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
1329	ALL	401988.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
1330	ALL	402008.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
1331	ALL	402028.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
1332	ALL	402048.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
1333	ALL	402068.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
1334	ALL	402088.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
1335	ALL	402108.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
1336	ALL	402128.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
1337	ALL	402148.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
1338	ALL	402168.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
1339	ALL	402188.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
1340	ALL	402208.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1341	ALL	402228.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
1342	ALL	402248.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
1343	ALL	402268.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
1344	ALL	402288.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
1345	ALL	402308.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
1346	ALL	402328.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
1347	ALL	402348.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
1348	ALL	402368.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
1349	ALL	402388.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
1350	ALL	402408.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1351	ALL	402428.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
1352	ALL	402448.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
1353	ALL	402468.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
1354	ALL	402488.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1355	ALL	402508.9	3781289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1356	ALL	401308.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
1357	ALL	401328.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
1358	ALL	401348.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
1359	ALL	401368.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
1360	ALL	401388.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
1361	ALL	401408.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
1362	ALL	401428.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
1363	ALL	401448.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
1364	ALL	401468.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1365	ALL	401488.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
1366	ALL	401508.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
1367	ALL	401528.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
1368	ALL	401548.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
1369	ALL	401568.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
1370	ALL	401588.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
1371	ALL	401608.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
1372	ALL	401628.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1373	ALL	401648.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
1374	ALL	401668.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
1375	ALL	401688.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
1376	ALL	401708.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
1377	ALL	401728.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
1378	ALL	401748.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
1379	ALL	401768.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
1380	ALL	401788.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
1381	ALL	401808.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
1382	ALL	401828.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
1383	ALL	401848.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
1384	ALL	401868.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
1385	ALL	401888.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04

1386	ALL	401908.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
1387	ALL	401928.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
1388	ALL	401948.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
1389	ALL	401968.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
1390	ALL	401988.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
1391	ALL	402008.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
1392	ALL	402028.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
1393	ALL	402048.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
1394	ALL	402068.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
1395	ALL	402088.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
1396	ALL	402108.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
1397	ALL	402128.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
1398	ALL	402148.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
1399	ALL	402168.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
1400	ALL	402188.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
1401	ALL	402208.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
1402	ALL	402228.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
1403	ALL	402248.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1404	ALL	402268.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
1405	ALL	402288.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1406	ALL	402308.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
1407	ALL	402328.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1408	ALL	402348.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
1409	ALL	402368.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
1410	ALL	402388.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
1411	ALL	402408.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
1412	ALL	402428.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
1413	ALL	402448.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
1414	ALL	402468.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
1415	ALL	402488.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
1416	ALL	402508.9	3781309	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
1417	ALL	401308.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
1418	ALL	401328.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
1419	ALL	401348.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
1420	ALL	401368.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
1421	ALL	401388.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
1422	ALL	401408.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
1423	ALL	401428.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
1424	ALL	401448.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1425	ALL	401468.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
1426	ALL	401488.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
1427	ALL	401508.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1428	ALL	401528.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
1429	ALL	401548.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
1430	ALL	401568.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
1431	ALL	401588.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
1432	ALL	401608.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
1433	ALL	401628.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
1434	ALL	401648.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
1435	ALL	401668.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
1436	ALL	401688.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04
1437	ALL	401708.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
1438	ALL	401728.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
1439	ALL	401748.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
1440	ALL	401768.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
1441	ALL	401788.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
1442	ALL	401808.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
1443	ALL	401828.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04
1444	ALL	401848.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
1445	ALL	401868.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04
1446	ALL	401888.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
1447	ALL	401908.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04
1448	ALL	401928.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
1449	ALL	401948.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
1450	ALL	401968.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
1451	ALL	401988.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
1452	ALL	402008.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
1453	ALL	402028.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04
1454	ALL	402048.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
1455	ALL	402068.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
1456	ALL	402088.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
1457	ALL	402108.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
1458	ALL	402128.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
1459	ALL	402148.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
1460	ALL	402168.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
1461	ALL	402188.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
1462	ALL	402208.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
1463	ALL	402228.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
1464	ALL	402248.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
1465	ALL	402268.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
1466	ALL	402288.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
1467	ALL	402308.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
1468	ALL	402328.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
1469	ALL	402348.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
1470	ALL	402368.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
1471	ALL	402388.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1472	ALL	402408.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
1473	ALL	402428.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
1474	ALL	402448.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
1475	ALL	402468.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1476	ALL	402488.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
1477	ALL	402508.9	3781329	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
1478	ALL	401308.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
1479	ALL	401328.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
1480	ALL	401348.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
1481	ALL	401368.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
1482	ALL	401388.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
1483	ALL	401408.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
1484	ALL	401428.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04

1485	ALL	401448.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
1486	ALL	401468.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
1487	ALL	401488.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
1488	ALL	401508.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
1489	ALL	401528.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
1490	ALL	401548.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
1491	ALL	401568.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1492	ALL	401588.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
1493	ALL	401608.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
1494	ALL	401628.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
1495	ALL	401648.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
1496	ALL	401668.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
1497	ALL	401688.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
1498	ALL	401708.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
1499	ALL	401728.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
1500	ALL	401748.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
1501	ALL	401768.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
1502	ALL	401788.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
1503	ALL	401808.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
1504	ALL	401828.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
1505	ALL	401848.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04
1506	ALL	401868.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-04
1507	ALL	401888.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
1508	ALL	401908.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
1509	ALL	401928.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
1510	ALL	401948.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
1511	ALL	401968.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04
1512	ALL	401988.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
1513	ALL	402008.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
1514	ALL	402028.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
1515	ALL	402048.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
1516	ALL	402068.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
1517	ALL	402088.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04
1518	ALL	402108.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04
1519	ALL	402128.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
1520	ALL	402148.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
1521	ALL	402168.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
1522	ALL	402188.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
1523	ALL	402208.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
1524	ALL	402228.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
1525	ALL	402248.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
1526	ALL	402268.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
1527	ALL	402288.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
1528	ALL	402308.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
1529	ALL	402328.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
1530	ALL	402348.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
1531	ALL	402368.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
1532	ALL	402388.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1533	ALL	402408.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
1534	ALL	402428.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
1535	ALL	402448.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
1536	ALL	402468.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
1537	ALL	402488.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
1538	ALL	402508.9	3781349	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
1539	ALL	401308.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
1540	ALL	401328.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
1541	ALL	401348.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
1542	ALL	401368.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
1543	ALL	401388.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
1544	ALL	401408.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
1545	ALL	401428.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
1546	ALL	401448.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
1547	ALL	401468.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
1548	ALL	401488.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
1549	ALL	401508.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
1550	ALL	401528.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
1551	ALL	401548.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
1552	ALL	401568.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
1553	ALL	401588.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
1554	ALL	401608.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
1555	ALL	401628.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
1556	ALL	401648.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
1557	ALL	401668.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
1558	ALL	401688.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
1559	ALL	401708.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
1560	ALL	401728.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
1561	ALL	401748.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
1562	ALL	401768.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04
1563	ALL	401788.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04
1564	ALL	401808.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
1565	ALL	401828.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04
1566	ALL	401848.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04
1567	ALL	401868.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
1568	ALL	401888.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04
1569	ALL	401908.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04
1570	ALL	401928.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
1571	ALL	401948.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
1572	ALL	401968.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04
1573	ALL	401988.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
1574	ALL	402008.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04
1575	ALL	402028.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
1576	ALL	402048.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
1577	ALL	402068.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
1578	ALL	402088.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04
1579	ALL	402108.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
1580	ALL	402128.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
1581	ALL	402148.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
1582	ALL	402168.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
1583	ALL	402188.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04

1584	ALL	402208.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
1585	ALL	402228.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
1586	ALL	402248.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
1587	ALL	402268.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
1588	ALL	402288.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
1589	ALL	402308.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
1590	ALL	402328.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
1591	ALL	402348.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
1592	ALL	402368.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
1593	ALL	402388.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
1594	ALL	402408.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
1595	ALL	402428.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
1596	ALL	402448.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
1597	ALL	402468.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
1598	ALL	402488.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
1599	ALL	402508.9	3781369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
1600	ALL	401308.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
1601	ALL	401328.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
1602	ALL	401348.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
1603	ALL	401368.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
1604	ALL	401388.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
1605	ALL	401408.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
1606	ALL	401428.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
1607	ALL	401448.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
1608	ALL	401468.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
1609	ALL	401488.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
1610	ALL	401508.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
1611	ALL	401528.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
1612	ALL	401548.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
1613	ALL	401568.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
1614	ALL	401588.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
1615	ALL	401608.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
1616	ALL	401628.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
1617	ALL	401648.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
1618	ALL	401668.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
1619	ALL	401688.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
1620	ALL	401708.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
1621	ALL	401728.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
1622	ALL	401748.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04
1623	ALL	401768.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04
1624	ALL	401788.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04
1625	ALL	401808.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
1626	ALL	401828.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
1627	ALL	401848.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04
1628	ALL	401868.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04
1629	ALL	401888.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04
1630	ALL	401908.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
1631	ALL	401928.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
1632	ALL	401948.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
1633	ALL	401968.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
1634	ALL	401988.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04
1635	ALL	402008.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-04
1636	ALL	402028.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
1637	ALL	402048.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
1638	ALL	402068.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
1639	ALL	402088.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04
1640	ALL	402108.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
1641	ALL	402128.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
1642	ALL	402148.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
1643	ALL	402168.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
1644	ALL	402188.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
1645	ALL	402208.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
1646	ALL	402228.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
1647	ALL	402248.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
1648	ALL	402268.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
1649	ALL	402288.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
1650	ALL	402308.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
1651	ALL	402328.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
1652	ALL	402348.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
1653	ALL	402368.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
1654	ALL	402388.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
1655	ALL	402408.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
1656	ALL	402428.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
1657	ALL	402448.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
1658	ALL	402468.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
1659	ALL	402488.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
1660	ALL	402508.9	3781389	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
1661	ALL	401308.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
1662	ALL	401328.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
1663	ALL	401348.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
1664	ALL	401368.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
1665	ALL	401388.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
1666	ALL	401408.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
1667	ALL	401428.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
1668	ALL	401448.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
1669	ALL	401468.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
1670	ALL	401488.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
1671	ALL	401508.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
1672	ALL	401528.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
1673	ALL	401548.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
1674	ALL	401568.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
1675	ALL	401588.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
1676	ALL	401608.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
1677	ALL	401628.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
1678	ALL	401648.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04
1679	ALL	401668.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
1680	ALL	401688.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04
1681	ALL	401708.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04
1682	ALL	401728.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04

1683	ALL	401748.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04
1684	ALL	401768.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
1685	ALL	401788.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
1686	ALL	401808.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04
1687	ALL	401828.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04
1688	ALL	401848.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04
1689	ALL	401868.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04
1690	ALL	401888.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04
1691	ALL	401908.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04
1692	ALL	401928.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
1693	ALL	401948.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-04
1694	ALL	401968.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04
1695	ALL	401988.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04
1696	ALL	402008.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04
1697	ALL	402028.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04
1698	ALL	402048.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04
1699	ALL	402068.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
1700	ALL	402088.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04
1701	ALL	402108.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
1702	ALL	402128.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
1703	ALL	402148.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04
1704	ALL	402168.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04
1705	ALL	402188.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04
1706	ALL	402208.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
1707	ALL	402228.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
1708	ALL	402248.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
1709	ALL	402268.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
1710	ALL	402288.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
1711	ALL	402308.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
1712	ALL	402328.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
1713	ALL	402348.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
1714	ALL	402368.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
1715	ALL	402388.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
1716	ALL	402408.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
1717	ALL	402428.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
1718	ALL	402448.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
1719	ALL	402468.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
1720	ALL	402488.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
1721	ALL	402508.9	3781409	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
1722	ALL	401308.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
1723	ALL	401328.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
1724	ALL	401348.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
1725	ALL	401368.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
1726	ALL	401388.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
1727	ALL	401408.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
1728	ALL	401428.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
1729	ALL	401448.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
1730	ALL	401468.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
1731	ALL	401488.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
1732	ALL	401508.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
1733	ALL	401528.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
1734	ALL	401548.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
1735	ALL	401568.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
1736	ALL	401588.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
1737	ALL	401608.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
1738	ALL	401628.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
1739	ALL	401648.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
1740	ALL	401668.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
1741	ALL	401688.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
1742	ALL	401708.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
1743	ALL	401728.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
1744	ALL	401748.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
1745	ALL	401768.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04
1746	ALL	401788.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-04
1747	ALL	401808.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
1748	ALL	401828.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
1749	ALL	401848.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
1750	ALL	401868.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-04
1751	ALL	401888.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
1752	ALL	401908.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-04
1753	ALL	401928.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-04
1754	ALL	401948.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-04
1755	ALL	401968.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04
1756	ALL	401988.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04
1757	ALL	402008.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
1758	ALL	402028.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-04
1759	ALL	402048.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-04
1760	ALL	402068.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04
1761	ALL	402088.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
1762	ALL	402108.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
1763	ALL	402128.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04
1764	ALL	402148.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04
1765	ALL	402168.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
1766	ALL	402188.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04
1767	ALL	402208.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
1768	ALL	402228.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04
1769	ALL	402248.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
1770	ALL	402268.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04
1771	ALL	402288.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
1772	ALL	402308.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
1773	ALL	402328.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
1774	ALL	402348.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
1775	ALL	402368.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
1776	ALL	402388.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
1777	ALL	402408.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
1778	ALL	402428.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
1779	ALL	402448.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
1780	ALL	402468.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
1781	ALL	402488.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04

1782	ALL	402508.9	3781429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
1783	ALL	401308.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
1784	ALL	401328.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
1785	ALL	401348.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
1786	ALL	401368.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
1787	ALL	401388.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
1788	ALL	401408.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
1789	ALL	401428.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
1790	ALL	401448.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
1791	ALL	401468.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
1792	ALL	401488.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
1793	ALL	401508.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
1794	ALL	401528.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
1795	ALL	401548.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04
1796	ALL	401568.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
1797	ALL	401588.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
1798	ALL	401608.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
1799	ALL	401628.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
1800	ALL	401648.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04
1801	ALL	401668.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
1802	ALL	401688.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
1803	ALL	401708.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04
1804	ALL	401728.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
1805	ALL	401748.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04
1806	ALL	401768.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04
1807	ALL	401788.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-04
1808	ALL	401808.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04
1809	ALL	401828.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-04
1810	ALL	401848.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04
1811	ALL	401868.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04
1812	ALL	401888.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-04
1813	ALL	401908.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-04
1814	ALL	401928.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-04
1815	ALL	401948.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04
1816	ALL	401968.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-04
1817	ALL	401988.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04
1818	ALL	402008.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-04
1819	ALL	402028.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
1820	ALL	402048.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-04
1821	ALL	402068.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04
1822	ALL	402088.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-04
1823	ALL	402108.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04
1824	ALL	402128.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04
1825	ALL	402148.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04
1826	ALL	402168.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
1827	ALL	402188.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04
1828	ALL	402208.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
1829	ALL	402228.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
1830	ALL	402248.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
1831	ALL	402268.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
1832	ALL	402288.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
1833	ALL	402308.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
1834	ALL	402328.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
1835	ALL	402348.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
1836	ALL	402368.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
1837	ALL	402388.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
1838	ALL	402408.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
1839	ALL	402428.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
1840	ALL	402448.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
1841	ALL	402468.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1842	ALL	402488.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
1843	ALL	402508.9	3781449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
1844	ALL	401308.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
1845	ALL	401328.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
1846	ALL	401348.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
1847	ALL	401368.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
1848	ALL	401388.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
1849	ALL	401408.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
1850	ALL	401428.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
1851	ALL	401448.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
1852	ALL	401468.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
1853	ALL	401488.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
1854	ALL	401508.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
1855	ALL	401528.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
1856	ALL	401548.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
1857	ALL	401568.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
1858	ALL	401588.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04
1859	ALL	401608.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
1860	ALL	401628.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04
1861	ALL	401648.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
1862	ALL	401668.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04
1863	ALL	401688.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04
1864	ALL	401708.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
1865	ALL	401728.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04
1866	ALL	401748.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-04
1867	ALL	401768.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-04
1868	ALL	401788.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04
1869	ALL	401808.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-04
1870	ALL	401828.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04
1871	ALL	401848.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-04
1872	ALL	401868.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
1873	ALL	401888.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
1874	ALL	401908.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
1875	ALL	401928.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
1876	ALL	401948.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
1877	ALL	401968.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
1878	ALL	401988.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
1879	ALL	402008.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04
1880	ALL	402028.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-04

1881	ALL	402048.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04
1882	ALL	402068.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04
1883	ALL	402088.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-04
1884	ALL	402108.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04
1885	ALL	402128.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04
1886	ALL	402148.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04
1887	ALL	402168.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04
1888	ALL	402188.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
1889	ALL	402208.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
1890	ALL	402228.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
1891	ALL	402248.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
1892	ALL	402268.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04
1893	ALL	402288.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04
1894	ALL	402308.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
1895	ALL	402328.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04
1896	ALL	402348.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
1897	ALL	402368.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
1898	ALL	402388.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
1899	ALL	402408.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
1900	ALL	402428.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
1901	ALL	402448.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
1902	ALL	402468.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
1903	ALL	402488.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
1904	ALL	402508.9	3781469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
1905	ALL	401308.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
1906	ALL	401328.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
1907	ALL	401348.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
1908	ALL	401368.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
1909	ALL	401388.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
1910	ALL	401408.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04
1911	ALL	401428.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
1912	ALL	401448.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
1913	ALL	401468.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
1914	ALL	401488.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
1915	ALL	401508.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
1916	ALL	401528.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
1917	ALL	401548.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
1918	ALL	401568.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
1919	ALL	401588.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
1920	ALL	401608.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04
1921	ALL	401628.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04
1922	ALL	401648.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
1923	ALL	401668.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-04
1924	ALL	401688.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04
1925	ALL	401708.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04
1926	ALL	401728.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-04
1927	ALL	401748.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04
1928	ALL	401768.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04
1929	ALL	401788.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04
1930	ALL	401808.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
1931	ALL	401828.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
1932	ALL	401848.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
1933	ALL	401868.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
1934	ALL	401888.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
1935	ALL	401908.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
1936	ALL	401928.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
1937	ALL	401948.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
1938	ALL	401968.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
1939	ALL	401988.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
1940	ALL	402008.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
1941	ALL	402028.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
1942	ALL	402048.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
1943	ALL	402068.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
1944	ALL	402088.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04
1945	ALL	402108.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04
1946	ALL	402128.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04
1947	ALL	402148.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04
1948	ALL	402168.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04
1949	ALL	402188.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04
1950	ALL	402208.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
1951	ALL	402228.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
1952	ALL	402248.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04
1953	ALL	402268.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
1954	ALL	402288.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
1955	ALL	402308.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
1956	ALL	402328.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
1957	ALL	402348.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
1958	ALL	402368.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04
1959	ALL	402388.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
1960	ALL	402408.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
1961	ALL	402428.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
1962	ALL	402448.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
1963	ALL	402468.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
1964	ALL	402488.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
1965	ALL	402508.9	3781489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
1966	ALL	401308.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
1967	ALL	401328.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
1968	ALL	401348.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
1969	ALL	401368.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
1970	ALL	401388.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
1971	ALL	401408.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
1972	ALL	401428.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
1973	ALL	401448.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
1974	ALL	401468.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
1975	ALL	401488.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
1976	ALL	401508.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
1977	ALL	401528.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
1978	ALL	401548.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
1979	ALL	401568.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04

1980	ALL	401588.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
1981	ALL	401608.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
1982	ALL	401628.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04
1983	ALL	401648.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04
1984	ALL	401668.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04
1985	ALL	401688.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
1986	ALL	401708.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-04
1987	ALL	401728.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-04
1988	ALL	401748.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04
1989	ALL	401768.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
1990	ALL	401788.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
1991	ALL	401808.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
1992	ALL	401828.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
1993	ALL	401848.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
1994	ALL	401868.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
1995	ALL	401888.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
1996	ALL	401908.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
1997	ALL	401928.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
1998	ALL	401948.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
1999	ALL	401968.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
2000	ALL	401988.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
2001	ALL	402008.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
2002	ALL	402028.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
2003	ALL	402048.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
2004	ALL	402068.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
2005	ALL	402088.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
2006	ALL	402108.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
2007	ALL	402128.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-04
2008	ALL	402148.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04
2009	ALL	402168.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-04
2010	ALL	402188.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04
2011	ALL	402208.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04
2012	ALL	402228.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04
2013	ALL	402248.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04
2014	ALL	402268.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
2015	ALL	402288.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
2016	ALL	402308.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
2017	ALL	402328.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04
2018	ALL	402348.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
2019	ALL	402368.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
2020	ALL	402388.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
2021	ALL	402408.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
2022	ALL	402428.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
2023	ALL	402448.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
2024	ALL	402468.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
2025	ALL	402488.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
2026	ALL	402508.9	3781509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
2027	ALL	401308.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
2028	ALL	401328.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
2029	ALL	401348.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
2030	ALL	401368.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
2031	ALL	401388.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
2032	ALL	401408.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
2033	ALL	401428.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
2034	ALL	401448.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
2035	ALL	401468.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
2036	ALL	401488.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
2037	ALL	401508.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
2038	ALL	401528.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
2039	ALL	401548.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04
2040	ALL	401568.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
2041	ALL	401588.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
2042	ALL	401608.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
2043	ALL	401628.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04
2044	ALL	401648.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04
2045	ALL	401668.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
2046	ALL	401688.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04
2047	ALL	401708.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04
2048	ALL	401728.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-04
2049	ALL	401748.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
2050	ALL	401768.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
2051	ALL	401788.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
2052	ALL	401808.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
2053	ALL	401828.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
2054	ALL	401848.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
2055	ALL	401868.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
2056	ALL	401888.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
2057	ALL	401908.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
2058	ALL	401928.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
2059	ALL	401948.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
2060	ALL	401968.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
2061	ALL	401988.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
2062	ALL	402008.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
2063	ALL	402028.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
2064	ALL	402048.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
2065	ALL	402068.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
2066	ALL	402088.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
2067	ALL	402108.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
2068	ALL	402128.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
2069	ALL	402148.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
2070	ALL	402168.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04
2071	ALL	402188.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-04
2072	ALL	402208.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-04
2073	ALL	402228.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04
2074	ALL	402248.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
2075	ALL	402268.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04
2076	ALL	402288.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04
2077	ALL	402308.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
2078	ALL	402328.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04

2079	ALL	402348.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
2080	ALL	402368.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
2081	ALL	402388.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
2082	ALL	402408.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
2083	ALL	402428.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04
2084	ALL	402448.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
2085	ALL	402468.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
2086	ALL	402488.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
2087	ALL	402508.9	3781529	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
2088	ALL	401308.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
2089	ALL	401328.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
2090	ALL	401348.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
2091	ALL	401368.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
2092	ALL	401388.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
2093	ALL	401408.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
2094	ALL	401428.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
2095	ALL	401448.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
2096	ALL	401468.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
2097	ALL	401488.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
2098	ALL	401508.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04
2099	ALL	401528.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
2100	ALL	401548.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
2101	ALL	401568.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
2102	ALL	401588.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04
2103	ALL	401608.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
2104	ALL	401628.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04
2105	ALL	401648.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04
2106	ALL	401668.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-04
2107	ALL	401688.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-04
2108	ALL	401708.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-04
2109	ALL	401728.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
2110	ALL	401748.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
2111	ALL	401768.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
2112	ALL	401788.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
2113	ALL	401808.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
2114	ALL	401828.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
2115	ALL	401848.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
2116	ALL	401868.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
2117	ALL	401888.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
2118	ALL	401908.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
2119	ALL	401928.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
2120	ALL	401948.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
2121	ALL	401968.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
2122	ALL	401988.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
2123	ALL	402008.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
2124	ALL	402028.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
2125	ALL	402048.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
2126	ALL	402068.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
2127	ALL	402088.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
2128	ALL	402108.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
2129	ALL	402128.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
2130	ALL	402148.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
2131	ALL	402168.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
2132	ALL	402188.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
2133	ALL	402208.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04
2134	ALL	402228.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04
2135	ALL	402248.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
2136	ALL	402268.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-04
2137	ALL	402288.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04
2138	ALL	402308.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-04
2139	ALL	402328.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04
2140	ALL	402348.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04
2141	ALL	402368.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04
2142	ALL	402388.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-04
2143	ALL	402408.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
2144	ALL	402428.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
2145	ALL	402448.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04
2146	ALL	402468.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
2147	ALL	402488.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04
2148	ALL	402508.9	3781549	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
2149	ALL	401308.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
2150	ALL	401328.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
2151	ALL	401348.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
2152	ALL	401368.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
2153	ALL	401388.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
2154	ALL	401408.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
2155	ALL	401428.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
2156	ALL	401448.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
2157	ALL	401468.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04
2158	ALL	401488.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
2159	ALL	401508.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
2160	ALL	401528.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
2161	ALL	401548.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
2162	ALL	401568.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
2163	ALL	401588.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04
2164	ALL	401608.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
2165	ALL	401628.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04
2166	ALL	401648.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04
2167	ALL	401668.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04
2168	ALL	401688.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04
2169	ALL	401708.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
2170	ALL	401728.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
2171	ALL	401748.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
2172	ALL	401768.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
2173	ALL	401788.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
2174	ALL	401808.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
2175	ALL	401828.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
2176	ALL	401848.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
2177	ALL	401868.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03

2178	ALL	401888.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
2179	ALL	401908.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
2180	ALL	401928.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
2181	ALL	401948.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
2182	ALL	401968.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-03
2183	ALL	401988.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
2184	ALL	402008.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
2185	ALL	402028.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
2186	ALL	402048.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
2187	ALL	402068.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
2188	ALL	402088.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
2189	ALL	402108.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
2190	ALL	402128.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
2191	ALL	402148.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
2192	ALL	402168.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
2193	ALL	402188.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
2194	ALL	402208.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
2195	ALL	402228.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
2196	ALL	402248.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04
2197	ALL	402268.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04
2198	ALL	402288.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04
2199	ALL	402308.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
2200	ALL	402328.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04
2201	ALL	402348.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04
2202	ALL	402368.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04
2203	ALL	402388.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04
2204	ALL	402408.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-04
2205	ALL	402428.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04
2206	ALL	402448.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-04
2207	ALL	402468.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04
2208	ALL	402488.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-04
2209	ALL	402508.9	3781569	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-04
2210	ALL	401308.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
2211	ALL	401328.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
2212	ALL	401348.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
2213	ALL	401368.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
2214	ALL	401388.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
2215	ALL	401408.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
2216	ALL	401428.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
2217	ALL	401448.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
2218	ALL	401468.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
2219	ALL	401488.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
2220	ALL	401508.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-04
2221	ALL	401528.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
2222	ALL	401548.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
2223	ALL	401568.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-04
2224	ALL	401588.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
2225	ALL	401608.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04
2226	ALL	401628.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04
2227	ALL	401648.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-04
2228	ALL	401668.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-04
2229	ALL	401688.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
2230	ALL	401708.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
2231	ALL	401728.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
2232	ALL	401748.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
2233	ALL	401768.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
2234	ALL	401788.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
2235	ALL	401808.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
2236	ALL	401828.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03
2237	ALL	401848.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
2238	ALL	401868.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03
2239	ALL	401888.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
2240	ALL	401908.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03
2241	ALL	401928.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
2242	ALL	401948.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
2243	ALL	401968.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
2244	ALL	401988.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-03
2245	ALL	402008.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
2246	ALL	402028.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
2247	ALL	402048.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
2248	ALL	402068.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
2249	ALL	402088.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
2250	ALL	402108.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
2251	ALL	402128.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
2252	ALL	402148.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
2253	ALL	402168.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
2254	ALL	402188.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
2255	ALL	402208.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
2256	ALL	402228.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
2257	ALL	402248.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
2258	ALL	402268.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
2259	ALL	402288.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
2260	ALL	402308.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
2261	ALL	402328.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
2262	ALL	402348.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
2263	ALL	402368.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
2264	ALL	402388.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
2265	ALL	402408.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
2266	ALL	402428.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
2267	ALL	402448.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
2268	ALL	402468.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
2269	ALL	402488.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
2270	ALL	402508.9	3781589	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
2271	ALL	401308.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
2272	ALL	401328.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
2273	ALL	401348.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
2274	ALL	401368.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
2275	ALL	401388.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
2276	ALL	401408.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04

2277	ALL	401428.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
2278	ALL	401448.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
2279	ALL	401468.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
2280	ALL	401488.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
2281	ALL	401508.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
2282	ALL	401528.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04
2283	ALL	401548.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04
2284	ALL	401568.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04
2285	ALL	401588.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04
2286	ALL	401608.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04
2287	ALL	401628.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04
2288	ALL	401648.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04
2289	ALL	401668.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
2290	ALL	401688.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
2291	ALL	401708.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
2292	ALL	401728.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
2293	ALL	401748.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
2294	ALL	401768.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
2295	ALL	401788.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
2296	ALL	401808.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
2297	ALL	401828.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-03
2298	ALL	401848.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-03
2299	ALL	401868.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-03
2300	ALL	401888.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-03
2301	ALL	401908.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03
2302	ALL	401928.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-03
2303	ALL	401948.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03
2304	ALL	401968.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-03
2305	ALL	401988.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-03
2306	ALL	402008.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03
2307	ALL	402028.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-03
2308	ALL	402048.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-03
2309	ALL	402068.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
2310	ALL	402088.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03
2311	ALL	402108.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
2312	ALL	402128.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
2313	ALL	402148.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03
2314	ALL	402168.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
2315	ALL	402188.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
2316	ALL	402208.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
2317	ALL	402228.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
2318	ALL	402248.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
2319	ALL	402268.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
2320	ALL	402288.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
2321	ALL	402308.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04
2322	ALL	402328.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-04
2323	ALL	402348.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-04
2324	ALL	402368.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04
2325	ALL	402388.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-04
2326	ALL	402408.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-04
2327	ALL	402428.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-04
2328	ALL	402448.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
2329	ALL	402468.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
2330	ALL	402488.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-04
2331	ALL	402508.9	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
2332	ALL	401308.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
2333	ALL	401328.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
2334	ALL	401348.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
2335	ALL	401368.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
2336	ALL	401388.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
2337	ALL	401408.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
2338	ALL	401428.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
2339	ALL	401448.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
2340	ALL	401468.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04
2341	ALL	401488.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
2342	ALL	401508.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
2343	ALL	401528.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
2344	ALL	401548.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04
2345	ALL	401568.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
2346	ALL	401588.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-04
2347	ALL	401608.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
2348	ALL	401628.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04
2349	ALL	401648.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04
2350	ALL	401668.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
2351	ALL	401688.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
2352	ALL	401708.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
2353	ALL	401728.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
2354	ALL	401748.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
2355	ALL	401768.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03
2356	ALL	401788.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03
2357	ALL	402128.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
2358	ALL	402148.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
2359	ALL	402168.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
2360	ALL	402188.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
2361	ALL	402208.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
2362	ALL	402228.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
2363	ALL	402248.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
2364	ALL	402268.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
2365	ALL	402288.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04
2366	ALL	402308.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04
2367	ALL	402328.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-04
2368	ALL	402348.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04
2369	ALL	402368.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04
2370	ALL	402388.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
2371	ALL	402408.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04
2372	ALL	402428.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04
2373	ALL	402448.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04
2374	ALL	402468.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04
2375	ALL	402488.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-04

2376	ALL	402508.9	3781629	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04
2377	ALL	401308.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
2378	ALL	401328.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
2379	ALL	401348.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
2380	ALL	401368.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
2381	ALL	401388.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
2382	ALL	401408.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
2383	ALL	401428.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
2384	ALL	401448.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
2385	ALL	401468.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
2386	ALL	401488.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
2387	ALL	401508.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
2388	ALL	401528.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04
2389	ALL	401548.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04
2390	ALL	401568.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04
2391	ALL	401588.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04
2392	ALL	401608.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
2393	ALL	401628.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04
2394	ALL	401648.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04
2395	ALL	401668.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
2396	ALL	401688.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
2397	ALL	401708.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
2398	ALL	401728.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
2399	ALL	401748.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
2400	ALL	401768.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
2401	ALL	401788.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03
2402	ALL	402108.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03
2403	ALL	402128.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
2404	ALL	402148.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
2405	ALL	402168.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
2406	ALL	402188.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
2407	ALL	402208.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
2408	ALL	402228.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
2409	ALL	402248.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
2410	ALL	402268.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04
2411	ALL	402288.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-04
2412	ALL	402308.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04
2413	ALL	402328.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04
2414	ALL	402348.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04
2415	ALL	402368.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04
2416	ALL	402388.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04
2417	ALL	402408.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
2418	ALL	402428.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04
2419	ALL	402448.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
2420	ALL	402468.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
2421	ALL	402488.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
2422	ALL	402508.9	3781649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
2423	ALL	401308.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
2424	ALL	401328.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
2425	ALL	401348.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
2426	ALL	401368.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
2427	ALL	401388.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
2428	ALL	401408.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
2429	ALL	401428.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
2430	ALL	401448.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
2431	ALL	401468.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
2432	ALL	401488.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
2433	ALL	401508.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
2434	ALL	401528.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
2435	ALL	401548.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
2436	ALL	401568.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04
2437	ALL	401588.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04
2438	ALL	401608.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04
2439	ALL	401628.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-04
2440	ALL	401648.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
2441	ALL	401668.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
2442	ALL	401688.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
2443	ALL	401708.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
2444	ALL	401728.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
2445	ALL	401748.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
2446	ALL	401768.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
2447	ALL	401788.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-03
2448	ALL	402108.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03
2449	ALL	402128.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03
2450	ALL	402148.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
2451	ALL	402168.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
2452	ALL	402188.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
2453	ALL	402208.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
2454	ALL	402228.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
2455	ALL	402248.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
2456	ALL	402268.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04
2457	ALL	402288.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-04
2458	ALL	402308.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04
2459	ALL	402328.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04
2460	ALL	402348.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04
2461	ALL	402368.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
2462	ALL	402388.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
2463	ALL	402408.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
2464	ALL	402428.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
2465	ALL	402448.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
2466	ALL	402468.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
2467	ALL	402488.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04
2468	ALL	402508.9	3781669	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
2469	ALL	401308.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
2470	ALL	401328.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
2471	ALL	401348.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
2472	ALL	401368.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
2473	ALL	401388.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
2474	ALL	401408.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04

2475	ALL	401428.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
2476	ALL	401448.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
2477	ALL	401468.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04
2478	ALL	401488.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
2479	ALL	401508.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
2480	ALL	401528.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04
2481	ALL	401548.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-04
2482	ALL	401568.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04
2483	ALL	401588.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04
2484	ALL	401608.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-04
2485	ALL	401628.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04
2486	ALL	401648.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
2487	ALL	401668.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
2488	ALL	401688.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
2489	ALL	401708.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
2490	ALL	401728.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
2491	ALL	401748.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
2492	ALL	401768.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
2493	ALL	401788.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-03
2494	ALL	402088.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03
2495	ALL	402108.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03
2496	ALL	402128.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03
2497	ALL	402148.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
2498	ALL	402168.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
2499	ALL	402188.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
2500	ALL	402208.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
2501	ALL	402228.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
2502	ALL	402248.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
2503	ALL	402268.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-04
2504	ALL	402288.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04
2505	ALL	402308.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04
2506	ALL	402328.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04
2507	ALL	402348.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04
2508	ALL	402368.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
2509	ALL	402388.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
2510	ALL	402408.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
2511	ALL	402428.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
2512	ALL	402448.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
2513	ALL	402468.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
2514	ALL	402488.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
2515	ALL	402508.9	3781689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
2516	ALL	401308.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
2517	ALL	401328.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
2518	ALL	401348.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
2519	ALL	401368.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
2520	ALL	401388.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
2521	ALL	401408.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
2522	ALL	401428.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
2523	ALL	401448.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
2524	ALL	401468.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
2525	ALL	401488.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
2526	ALL	401508.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
2527	ALL	401528.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
2528	ALL	401548.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04
2529	ALL	401568.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-04
2530	ALL	401588.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
2531	ALL	401608.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04
2532	ALL	401628.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
2533	ALL	401648.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
2534	ALL	401668.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
2535	ALL	401688.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
2536	ALL	401708.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
2537	ALL	401728.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
2538	ALL	401748.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
2539	ALL	401768.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
2540	ALL	401788.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-03
2541	ALL	402088.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03
2542	ALL	402108.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03
2543	ALL	402128.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
2544	ALL	402148.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
2545	ALL	402168.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
2546	ALL	402188.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
2547	ALL	402208.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
2548	ALL	402228.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
2549	ALL	402248.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
2550	ALL	402268.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-04
2551	ALL	402288.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04
2552	ALL	402308.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04
2553	ALL	402328.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04
2554	ALL	402348.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04
2555	ALL	402368.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04
2556	ALL	402388.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04
2557	ALL	402408.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04
2558	ALL	402428.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
2559	ALL	402448.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
2560	ALL	402468.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
2561	ALL	402488.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
2562	ALL	402508.9	3781709	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
2563	ALL	401308.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
2564	ALL	401328.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
2565	ALL	401348.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
2566	ALL	401368.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
2567	ALL	401388.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
2568	ALL	401408.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
2569	ALL	401428.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
2570	ALL	401448.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
2571	ALL	401468.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
2572	ALL	401488.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
2573	ALL	401508.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04

2574	ALL	401528.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04
2575	ALL	401548.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
2576	ALL	401568.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04
2577	ALL	401588.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
2578	ALL	401608.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04
2579	ALL	401628.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
2580	ALL	401648.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
2581	ALL	401668.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
2582	ALL	401688.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
2583	ALL	401708.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
2584	ALL	401728.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
2585	ALL	401748.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
2586	ALL	401768.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03
2587	ALL	401788.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03
2588	ALL	402088.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-03
2589	ALL	402108.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
2590	ALL	402128.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03
2591	ALL	402148.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
2592	ALL	402168.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
2593	ALL	402188.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
2594	ALL	402208.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
2595	ALL	402228.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
2596	ALL	402248.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
2597	ALL	402268.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04
2598	ALL	402288.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-04
2599	ALL	402308.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04
2600	ALL	402328.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04
2601	ALL	402348.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04
2602	ALL	402368.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
2603	ALL	402388.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04
2604	ALL	402408.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
2605	ALL	402428.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04
2606	ALL	402448.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
2607	ALL	402468.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
2608	ALL	402488.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
2609	ALL	402508.9	3781729	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
2610	ALL	401308.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
2611	ALL	401328.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
2612	ALL	401348.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
2613	ALL	401368.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
2614	ALL	401388.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
2615	ALL	401408.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
2616	ALL	401428.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
2617	ALL	401448.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
2618	ALL	401468.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
2619	ALL	401488.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04
2620	ALL	401508.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
2621	ALL	401528.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04
2622	ALL	401548.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04
2623	ALL	401568.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-04
2624	ALL	401588.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04
2625	ALL	401608.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04
2626	ALL	401628.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04
2627	ALL	401648.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
2628	ALL	401668.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
2629	ALL	401688.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
2630	ALL	401708.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
2631	ALL	401728.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
2632	ALL	401748.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
2633	ALL	401768.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03
2634	ALL	401788.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-03
2635	ALL	402068.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03
2636	ALL	402088.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03
2637	ALL	402108.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
2638	ALL	402128.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
2639	ALL	402148.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
2640	ALL	402168.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
2641	ALL	402188.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
2642	ALL	402208.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
2643	ALL	402228.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
2644	ALL	402248.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
2645	ALL	402268.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
2646	ALL	402288.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04
2647	ALL	402308.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04
2648	ALL	402328.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
2649	ALL	402348.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
2650	ALL	402368.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-04
2651	ALL	402388.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
2652	ALL	402408.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
2653	ALL	402428.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
2654	ALL	402448.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
2655	ALL	402468.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
2656	ALL	402488.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
2657	ALL	402508.9	3781749	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
2658	ALL	401308.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
2659	ALL	401328.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
2660	ALL	401348.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
2661	ALL	401368.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
2662	ALL	401388.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
2663	ALL	401408.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
2664	ALL	401428.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
2665	ALL	401448.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
2666	ALL	401468.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
2667	ALL	401488.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
2668	ALL	401508.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
2669	ALL	401528.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
2670	ALL	401548.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
2671	ALL	401568.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04
2672	ALL	401588.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04

2673	ALL	401608.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-04
2674	ALL	401628.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-04
2675	ALL	401648.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
2676	ALL	401668.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
2677	ALL	401688.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
2678	ALL	401708.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
2679	ALL	401728.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
2680	ALL	401748.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
2681	ALL	401768.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03
2682	ALL	401788.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-03
2683	ALL	402068.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03
2684	ALL	402088.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03
2685	ALL	402108.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-03
2686	ALL	402128.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03
2687	ALL	402148.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
2688	ALL	402168.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
2689	ALL	402188.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
2690	ALL	402208.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
2691	ALL	402228.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
2692	ALL	402248.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
2693	ALL	402268.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04
2694	ALL	402288.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-04
2695	ALL	402308.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04
2696	ALL	402328.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04
2697	ALL	402348.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
2698	ALL	402368.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04
2699	ALL	402388.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
2700	ALL	402408.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04
2701	ALL	402428.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
2702	ALL	402448.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
2703	ALL	402468.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
2704	ALL	402488.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
2705	ALL	402508.9	3781769	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04
2706	ALL	401308.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
2707	ALL	401328.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
2708	ALL	401348.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
2709	ALL	401368.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
2710	ALL	401388.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
2711	ALL	401408.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
2712	ALL	401428.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
2713	ALL	401448.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
2714	ALL	401468.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
2715	ALL	401488.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
2716	ALL	401508.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
2717	ALL	401528.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
2718	ALL	401548.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
2719	ALL	401568.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
2720	ALL	401588.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04
2721	ALL	401608.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-04
2722	ALL	401628.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04
2723	ALL	401648.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04
2724	ALL	401668.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
2725	ALL	401688.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
2726	ALL	401708.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
2727	ALL	401728.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
2728	ALL	401748.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
2729	ALL	401768.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
2730	ALL	401788.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-03
2731	ALL	402068.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03
2732	ALL	402088.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-03
2733	ALL	402108.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
2734	ALL	402128.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
2735	ALL	402148.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
2736	ALL	402168.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
2737	ALL	402188.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
2738	ALL	402208.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
2739	ALL	402228.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
2740	ALL	402248.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
2741	ALL	402268.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04
2742	ALL	402288.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-04
2743	ALL	402308.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04
2744	ALL	402328.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04
2745	ALL	402348.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04
2746	ALL	402368.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04
2747	ALL	402388.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04
2748	ALL	402408.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
2749	ALL	402428.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
2750	ALL	402448.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
2751	ALL	402468.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-04
2752	ALL	402488.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
2753	ALL	402508.9	3781789	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
2754	ALL	401308.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
2755	ALL	401328.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
2756	ALL	401348.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
2757	ALL	401368.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
2758	ALL	401388.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
2759	ALL	401408.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
2760	ALL	401428.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
2761	ALL	401448.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
2762	ALL	401468.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
2763	ALL	401488.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
2764	ALL	401508.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
2765	ALL	401528.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
2766	ALL	401548.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
2767	ALL	401568.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
2768	ALL	401588.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-04
2769	ALL	401608.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
2770	ALL	401628.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-04
2771	ALL	401648.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04

2772	ALL	401668.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04
2773	ALL	401688.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
2774	ALL	401708.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
2775	ALL	401728.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
2776	ALL	401748.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
2777	ALL	401768.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
2778	ALL	401788.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03
2779	ALL	402068.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-03
2780	ALL	402088.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
2781	ALL	402108.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
2782	ALL	402128.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
2783	ALL	402148.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
2784	ALL	402168.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
2785	ALL	402188.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
2786	ALL	402208.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
2787	ALL	402228.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
2788	ALL	402248.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04
2789	ALL	402268.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-04
2790	ALL	402288.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04
2791	ALL	402308.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-04
2792	ALL	402328.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
2793	ALL	402348.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04
2794	ALL	402368.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04
2795	ALL	402388.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
2796	ALL	402408.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-04
2797	ALL	402428.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
2798	ALL	402448.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
2799	ALL	402468.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
2800	ALL	402488.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
2801	ALL	402508.9	3781809	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04
2802	ALL	401308.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
2803	ALL	401328.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
2804	ALL	401348.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
2805	ALL	401368.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
2806	ALL	401388.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
2807	ALL	401408.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
2808	ALL	401428.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
2809	ALL	401448.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
2810	ALL	401468.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
2811	ALL	401488.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
2812	ALL	401508.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
2813	ALL	401528.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
2814	ALL	401548.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04
2815	ALL	401568.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04
2816	ALL	401588.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04
2817	ALL	401608.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04
2818	ALL	401628.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04
2819	ALL	401648.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04
2820	ALL	401668.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04
2821	ALL	401688.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
2822	ALL	401708.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
2823	ALL	401728.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
2824	ALL	401748.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
2825	ALL	401768.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03
2826	ALL	401788.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-03
2827	ALL	402068.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
2828	ALL	402088.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
2829	ALL	402108.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
2830	ALL	402128.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
2831	ALL	402148.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
2832	ALL	402168.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
2833	ALL	402188.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
2834	ALL	402208.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
2835	ALL	402228.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
2836	ALL	402248.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04
2837	ALL	402268.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04
2838	ALL	402288.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04
2839	ALL	402308.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04
2840	ALL	402328.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-04
2841	ALL	402348.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-04
2842	ALL	402368.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04
2843	ALL	402388.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04
2844	ALL	402408.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
2845	ALL	402428.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
2846	ALL	402448.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
2847	ALL	402468.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
2848	ALL	402488.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
2849	ALL	402508.9	3781829	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
2850	ALL	401308.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
2851	ALL	401328.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
2852	ALL	401348.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
2853	ALL	401368.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
2854	ALL	401388.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
2855	ALL	401408.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
2856	ALL	401428.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
2857	ALL	401448.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
2858	ALL	401468.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
2859	ALL	401488.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
2860	ALL	401508.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
2861	ALL	401528.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
2862	ALL	401548.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
2863	ALL	401568.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04
2864	ALL	401588.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
2865	ALL	401608.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
2866	ALL	401628.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-04
2867	ALL	401648.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04
2868	ALL	401668.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-04
2869	ALL	401688.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
2870	ALL	401708.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03

2871	ALL	401728.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
2872	ALL	401748.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
2873	ALL	401768.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
2874	ALL	401788.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03
2875	ALL	401908.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-03
2876	ALL	401928.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-03
2877	ALL	401948.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03
2878	ALL	401968.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
2879	ALL	401988.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
2880	ALL	402008.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
2881	ALL	402028.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
2882	ALL	402048.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03
2883	ALL	402068.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
2884	ALL	402088.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
2885	ALL	402108.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
2886	ALL	402128.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
2887	ALL	402148.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
2888	ALL	402168.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
2889	ALL	402188.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
2890	ALL	402208.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
2891	ALL	402228.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04
2892	ALL	402248.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04
2893	ALL	402268.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04
2894	ALL	402288.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-04
2895	ALL	402308.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-04
2896	ALL	402328.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04
2897	ALL	402348.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
2898	ALL	402368.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
2899	ALL	402388.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
2900	ALL	402408.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04
2901	ALL	402428.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
2902	ALL	402448.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
2903	ALL	402468.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
2904	ALL	402488.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
2905	ALL	402508.9	3781849	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
2906	ALL	401308.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
2907	ALL	401328.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
2908	ALL	401348.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
2909	ALL	401368.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
2910	ALL	401388.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
2911	ALL	401408.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
2912	ALL	401428.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
2913	ALL	401448.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
2914	ALL	401468.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
2915	ALL	401488.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
2916	ALL	401508.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
2917	ALL	401528.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
2918	ALL	401548.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
2919	ALL	401568.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
2920	ALL	401588.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
2921	ALL	401608.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04
2922	ALL	401628.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
2923	ALL	401648.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04
2924	ALL	401668.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
2925	ALL	401688.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-04
2926	ALL	401708.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
2927	ALL	401728.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
2928	ALL	401748.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
2929	ALL	401768.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
2930	ALL	401788.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
2931	ALL	401888.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-03
2932	ALL	401908.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
2933	ALL	401928.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-03
2934	ALL	401948.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
2935	ALL	401968.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
2936	ALL	401988.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
2937	ALL	402008.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
2938	ALL	402028.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
2939	ALL	402048.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
2940	ALL	402068.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
2941	ALL	402088.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
2942	ALL	402108.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
2943	ALL	402128.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
2944	ALL	402148.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
2945	ALL	402168.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
2946	ALL	402188.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
2947	ALL	402208.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-04
2948	ALL	402228.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-04
2949	ALL	402248.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04
2950	ALL	402268.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04
2951	ALL	402288.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
2952	ALL	402308.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
2953	ALL	402328.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04
2954	ALL	402348.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04
2955	ALL	402368.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04
2956	ALL	402388.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04
2957	ALL	402408.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
2958	ALL	402428.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
2959	ALL	402448.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
2960	ALL	402468.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
2961	ALL	402488.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
2962	ALL	402508.9	3781869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
2963	ALL	401308.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
2964	ALL	401328.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
2965	ALL	401348.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
2966	ALL	401368.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
2967	ALL	401388.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
2968	ALL	401408.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
2969	ALL	401428.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04

2970	ALL	401448.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
2971	ALL	401468.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
2972	ALL	401488.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
2973	ALL	401508.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
2974	ALL	401528.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
2975	ALL	401548.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
2976	ALL	401568.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
2977	ALL	401588.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
2978	ALL	401608.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04
2979	ALL	401628.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04
2980	ALL	401648.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
2981	ALL	401668.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04
2982	ALL	401688.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
2983	ALL	401708.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04
2984	ALL	401728.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-04
2985	ALL	401748.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
2986	ALL	401768.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
2987	ALL	401788.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
2988	ALL	401808.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
2989	ALL	401828.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
2990	ALL	401848.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-03
2991	ALL	401868.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
2992	ALL	401888.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03
2993	ALL	401908.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03
2994	ALL	401928.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
2995	ALL	401948.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
2996	ALL	401968.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
2997	ALL	401988.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
2998	ALL	402008.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
2999	ALL	402028.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
3000	ALL	402048.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
3001	ALL	402068.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
3002	ALL	402088.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
3003	ALL	402108.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
3004	ALL	402128.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3005	ALL	402148.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
3006	ALL	402168.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
3007	ALL	402188.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-04
3008	ALL	402208.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04
3009	ALL	402228.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04
3010	ALL	402248.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
3011	ALL	402268.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04
3012	ALL	402288.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
3013	ALL	402308.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
3014	ALL	402328.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04
3015	ALL	402348.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04
3016	ALL	402368.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
3017	ALL	402388.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
3018	ALL	402408.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
3019	ALL	402428.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
3020	ALL	402448.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
3021	ALL	402468.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
3022	ALL	402488.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
3023	ALL	402508.9	3781889	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
3024	ALL	401308.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
3025	ALL	401328.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
3026	ALL	401348.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
3027	ALL	401368.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
3028	ALL	401388.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
3029	ALL	401408.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
3030	ALL	401428.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
3031	ALL	401448.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
3032	ALL	401468.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
3033	ALL	401488.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
3034	ALL	401508.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
3035	ALL	401528.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
3036	ALL	401548.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
3037	ALL	401568.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
3038	ALL	401588.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
3039	ALL	401608.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
3040	ALL	401628.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
3041	ALL	401648.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
3042	ALL	401668.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
3043	ALL	401688.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-04
3044	ALL	401708.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04
3045	ALL	401728.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04
3046	ALL	401748.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
3047	ALL	401768.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
3048	ALL	401788.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
3049	ALL	401808.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
3050	ALL	401828.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
3051	ALL	401848.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
3052	ALL	401868.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
3053	ALL	401888.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
3054	ALL	401908.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
3055	ALL	401928.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
3056	ALL	401948.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
3057	ALL	401968.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
3058	ALL	401988.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
3059	ALL	402008.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
3060	ALL	402028.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
3061	ALL	402048.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
3062	ALL	402068.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
3063	ALL	402088.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
3064	ALL	402108.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
3065	ALL	402128.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-04
3066	ALL	402148.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04
3067	ALL	402168.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-04
3068	ALL	402188.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04

3069	ALL	402208.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04
3070	ALL	402228.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04
3071	ALL	402248.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
3072	ALL	402268.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-04
3073	ALL	402288.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
3074	ALL	402308.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04
3075	ALL	402328.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
3076	ALL	402348.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04
3077	ALL	402368.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
3078	ALL	402388.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
3079	ALL	402408.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
3080	ALL	402428.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
3081	ALL	402448.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04
3082	ALL	402468.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
3083	ALL	402488.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
3084	ALL	402508.9	3781909	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
3085	ALL	401308.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
3086	ALL	401328.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
3087	ALL	401348.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
3088	ALL	401368.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
3089	ALL	401388.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
3090	ALL	401408.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
3091	ALL	401428.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
3092	ALL	401448.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
3093	ALL	401468.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
3094	ALL	401488.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
3095	ALL	401508.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
3096	ALL	401528.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
3097	ALL	401548.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
3098	ALL	401568.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
3099	ALL	401588.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04
3100	ALL	401608.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
3101	ALL	401628.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
3102	ALL	401648.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
3103	ALL	401668.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04
3104	ALL	401688.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04
3105	ALL	401708.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
3106	ALL	401728.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-04
3107	ALL	401748.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-04
3108	ALL	401768.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04
3109	ALL	401788.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04
3110	ALL	401808.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
3111	ALL	401828.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
3112	ALL	401848.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
3113	ALL	401868.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
3114	ALL	401888.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
3115	ALL	401908.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
3116	ALL	401928.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
3117	ALL	401948.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
3118	ALL	401968.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-04
3119	ALL	401988.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04
3120	ALL	402008.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-04
3121	ALL	402028.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-04
3122	ALL	402048.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-04
3123	ALL	402068.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04
3124	ALL	402088.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-04
3125	ALL	402108.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04
3126	ALL	402128.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
3127	ALL	402148.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-04
3128	ALL	402168.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04
3129	ALL	402188.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04
3130	ALL	402208.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04
3131	ALL	402228.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-04
3132	ALL	402248.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
3133	ALL	402268.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
3134	ALL	402288.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
3135	ALL	402308.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
3136	ALL	402328.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04
3137	ALL	402348.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04
3138	ALL	402368.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
3139	ALL	402388.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
3140	ALL	402408.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
3141	ALL	402428.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
3142	ALL	402448.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
3143	ALL	402468.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
3144	ALL	402488.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04
3145	ALL	402508.9	3781929	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
3146	ALL	401308.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
3147	ALL	401328.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
3148	ALL	401348.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
3149	ALL	401368.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
3150	ALL	401388.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
3151	ALL	401408.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
3152	ALL	401428.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
3153	ALL	401448.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
3154	ALL	401468.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
3155	ALL	401488.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
3156	ALL	401508.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
3157	ALL	401528.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
3158	ALL	401548.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
3159	ALL	401568.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
3160	ALL	401588.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
3161	ALL	401608.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
3162	ALL	401628.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04
3163	ALL	401648.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
3164	ALL	401668.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
3165	ALL	401688.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
3166	ALL	401708.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
3167	ALL	401728.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04

3168	ALL	401748.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
3169	ALL	401768.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04
3170	ALL	401788.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
3171	ALL	401808.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04
3172	ALL	401828.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-04
3173	ALL	401848.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
3174	ALL	401868.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04
3175	ALL	401888.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-04
3176	ALL	401908.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04
3177	ALL	401928.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04
3178	ALL	401948.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
3179	ALL	401968.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-04
3180	ALL	401988.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04
3181	ALL	402008.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04
3182	ALL	402028.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04
3183	ALL	402048.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-04
3184	ALL	402068.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04
3185	ALL	402088.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04
3186	ALL	402108.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-04
3187	ALL	402128.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04
3188	ALL	402148.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
3189	ALL	402168.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04
3190	ALL	402188.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04
3191	ALL	402208.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04
3192	ALL	402228.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04
3193	ALL	402248.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04
3194	ALL	402268.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
3195	ALL	402288.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
3196	ALL	402308.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
3197	ALL	402328.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
3198	ALL	402348.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
3199	ALL	402368.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
3200	ALL	402388.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
3201	ALL	402408.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
3202	ALL	402428.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
3203	ALL	402448.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
3204	ALL	402468.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
3205	ALL	402488.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
3206	ALL	402508.9	3781949	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
3207	ALL	401308.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
3208	ALL	401328.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
3209	ALL	401348.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3210	ALL	401368.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
3211	ALL	401388.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
3212	ALL	401408.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
3213	ALL	401428.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
3214	ALL	401448.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
3215	ALL	401468.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
3216	ALL	401488.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
3217	ALL	401508.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
3218	ALL	401528.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
3219	ALL	401548.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
3220	ALL	401568.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
3221	ALL	401588.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
3222	ALL	401608.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
3223	ALL	401628.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
3224	ALL	401648.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
3225	ALL	401668.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
3226	ALL	401688.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04
3227	ALL	401708.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04
3228	ALL	401728.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-04
3229	ALL	401748.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
3230	ALL	401768.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
3231	ALL	401788.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04
3232	ALL	401808.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
3233	ALL	401828.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-04
3234	ALL	401848.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04
3235	ALL	401868.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04
3236	ALL	401888.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04
3237	ALL	401908.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04
3238	ALL	401928.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04
3239	ALL	401948.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-04
3240	ALL	401968.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
3241	ALL	401988.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
3242	ALL	402008.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
3243	ALL	402028.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
3244	ALL	402048.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
3245	ALL	402068.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04
3246	ALL	402088.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
3247	ALL	402108.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04
3248	ALL	402128.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-04
3249	ALL	402148.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
3250	ALL	402168.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
3251	ALL	402188.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04
3252	ALL	402208.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
3253	ALL	402228.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
3254	ALL	402248.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
3255	ALL	402268.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-04
3256	ALL	402288.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04
3257	ALL	402308.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-04
3258	ALL	402328.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
3259	ALL	402348.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
3260	ALL	402368.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
3261	ALL	402388.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04
3262	ALL	402408.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
3263	ALL	402428.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
3264	ALL	402448.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
3265	ALL	402468.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
3266	ALL	402488.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04

3267	ALL	402508.9	3781969	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
3268	ALL	401308.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3269	ALL	401328.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
3270	ALL	401348.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
3271	ALL	401368.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3272	ALL	401388.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
3273	ALL	401408.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
3274	ALL	401428.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
3275	ALL	401448.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
3276	ALL	401468.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
3277	ALL	401488.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
3278	ALL	401508.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
3279	ALL	401528.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
3280	ALL	401548.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
3281	ALL	401568.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
3282	ALL	401588.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
3283	ALL	401608.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
3284	ALL	401628.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
3285	ALL	401648.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
3286	ALL	401668.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
3287	ALL	401688.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
3288	ALL	401708.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
3289	ALL	401728.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
3290	ALL	401748.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
3291	ALL	401768.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
3292	ALL	401788.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
3293	ALL	401808.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
3294	ALL	401828.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04
3295	ALL	401848.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04
3296	ALL	401868.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
3297	ALL	401888.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
3298	ALL	401908.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
3299	ALL	401928.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
3300	ALL	401948.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
3301	ALL	401968.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
3302	ALL	401988.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
3303	ALL	402008.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
3304	ALL	402028.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
3305	ALL	402048.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
3306	ALL	402068.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
3307	ALL	402088.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
3308	ALL	402108.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
3309	ALL	402128.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
3310	ALL	402148.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04
3311	ALL	402168.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04
3312	ALL	402188.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04
3313	ALL	402208.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
3314	ALL	402228.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
3315	ALL	402248.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
3316	ALL	402268.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
3317	ALL	402288.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
3318	ALL	402308.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
3319	ALL	402328.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04
3320	ALL	402348.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
3321	ALL	402368.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
3322	ALL	402388.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
3323	ALL	402408.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
3324	ALL	402428.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
3325	ALL	402448.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
3326	ALL	402468.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
3327	ALL	402488.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
3328	ALL	402508.9	3781989	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
3329	ALL	401308.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
3330	ALL	401328.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
3331	ALL	401348.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
3332	ALL	401368.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
3333	ALL	401388.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
3334	ALL	401408.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
3335	ALL	401428.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
3336	ALL	401448.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
3337	ALL	401468.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
3338	ALL	401488.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
3339	ALL	401508.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
3340	ALL	401528.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
3341	ALL	401548.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
3342	ALL	401568.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
3343	ALL	401588.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
3344	ALL	401608.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
3345	ALL	401628.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
3346	ALL	401648.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
3347	ALL	401668.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
3348	ALL	401688.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
3349	ALL	401708.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
3350	ALL	401728.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
3351	ALL	401748.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
3352	ALL	401768.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
3353	ALL	401788.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
3354	ALL	401808.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
3355	ALL	401828.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
3356	ALL	401848.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04
3357	ALL	401868.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
3358	ALL	401888.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
3359	ALL	401908.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04
3360	ALL	401928.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04
3361	ALL	401948.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
3362	ALL	401968.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
3363	ALL	401988.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
3364	ALL	402008.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
3365	ALL	402028.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04

3366	ALL	402048.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
3367	ALL	402068.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
3368	ALL	402088.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
3369	ALL	402108.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
3370	ALL	402128.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
3371	ALL	402148.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
3372	ALL	402168.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04
3373	ALL	402188.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
3374	ALL	402208.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
3375	ALL	402228.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-04
3376	ALL	402248.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
3377	ALL	402268.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
3378	ALL	402288.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
3379	ALL	402308.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
3380	ALL	402328.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
3381	ALL	402348.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
3382	ALL	402368.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
3383	ALL	402388.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
3384	ALL	402408.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
3385	ALL	402428.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
3386	ALL	402448.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04
3387	ALL	402468.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
3388	ALL	402488.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
3389	ALL	402508.9	3782009	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
3390	ALL	401308.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
3391	ALL	401328.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
3392	ALL	401348.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3393	ALL	401368.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3394	ALL	401388.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3395	ALL	401408.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3396	ALL	401428.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3397	ALL	401448.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
3398	ALL	401468.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
3399	ALL	401488.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
3400	ALL	401508.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
3401	ALL	401528.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
3402	ALL	401548.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
3403	ALL	401568.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
3404	ALL	401588.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
3405	ALL	401608.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
3406	ALL	401628.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
3407	ALL	401648.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
3408	ALL	401668.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
3409	ALL	401688.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
3410	ALL	401708.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
3411	ALL	401728.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
3412	ALL	401748.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
3413	ALL	401768.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
3414	ALL	401788.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
3415	ALL	401808.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
3416	ALL	401828.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
3417	ALL	401848.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
3418	ALL	401868.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
3419	ALL	401888.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
3420	ALL	401908.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
3421	ALL	401928.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
3422	ALL	401948.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
3423	ALL	401968.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
3424	ALL	401988.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
3425	ALL	402008.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
3426	ALL	402028.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
3427	ALL	402048.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
3428	ALL	402068.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
3429	ALL	402088.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
3430	ALL	402108.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
3431	ALL	402128.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
3432	ALL	402148.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
3433	ALL	402168.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
3434	ALL	402188.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
3435	ALL	402208.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
3436	ALL	402228.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
3437	ALL	402248.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
3438	ALL	402268.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
3439	ALL	402288.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
3440	ALL	402308.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
3441	ALL	402328.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
3442	ALL	402348.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
3443	ALL	402368.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
3444	ALL	402388.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04
3445	ALL	402408.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
3446	ALL	402428.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
3447	ALL	402448.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04
3448	ALL	402468.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
3449	ALL	402488.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
3450	ALL	402508.9	3782029	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
3451	ALL	401308.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05
3452	ALL	401328.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05
3453	ALL	401348.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-05
3454	ALL	401368.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05
3455	ALL	401388.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3456	ALL	401408.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
3457	ALL	401428.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3458	ALL	401448.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
3459	ALL	401468.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
3460	ALL	401488.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
3461	ALL	401508.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
3462	ALL	401528.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
3463	ALL	401548.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
3464	ALL	401568.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04

3465	ALL	401588.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
3466	ALL	401608.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
3467	ALL	401628.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
3468	ALL	401648.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
3469	ALL	401668.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
3470	ALL	401688.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
3471	ALL	401708.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
3472	ALL	401728.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
3473	ALL	401748.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
3474	ALL	401768.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
3475	ALL	401788.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
3476	ALL	401808.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
3477	ALL	401828.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
3478	ALL	401848.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
3479	ALL	401868.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
3480	ALL	401888.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
3481	ALL	401908.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
3482	ALL	401928.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
3483	ALL	401948.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
3484	ALL	401968.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
3485	ALL	401988.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
3486	ALL	402008.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
3487	ALL	402028.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
3488	ALL	402048.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
3489	ALL	402068.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
3490	ALL	402088.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
3491	ALL	402108.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
3492	ALL	402128.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
3493	ALL	402148.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
3494	ALL	402168.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
3495	ALL	402188.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
3496	ALL	402208.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
3497	ALL	402228.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
3498	ALL	402248.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
3499	ALL	402268.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
3500	ALL	402288.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
3501	ALL	402308.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
3502	ALL	402328.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
3503	ALL	402348.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
3504	ALL	402368.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
3505	ALL	402388.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
3506	ALL	402408.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
3507	ALL	402428.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
3508	ALL	402448.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
3509	ALL	402468.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
3510	ALL	402488.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
3511	ALL	402508.9	3782049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
3512	ALL	401308.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05
3513	ALL	401328.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-05
3514	ALL	401348.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05
3515	ALL	401368.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-05
3516	ALL	401388.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05
3517	ALL	401408.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
3518	ALL	401428.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3519	ALL	401448.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3520	ALL	401468.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
3521	ALL	401488.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3522	ALL	401508.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
3523	ALL	401528.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
3524	ALL	401548.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
3525	ALL	401568.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
3526	ALL	401588.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
3527	ALL	401608.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
3528	ALL	401628.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
3529	ALL	401648.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
3530	ALL	401668.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
3531	ALL	401688.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
3532	ALL	401708.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
3533	ALL	401728.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
3534	ALL	401748.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
3535	ALL	401768.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
3536	ALL	401788.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
3537	ALL	401808.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
3538	ALL	401828.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
3539	ALL	401848.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
3540	ALL	401868.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
3541	ALL	401888.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
3542	ALL	401908.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
3543	ALL	401928.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
3544	ALL	401948.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
3545	ALL	401968.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
3546	ALL	401988.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
3547	ALL	402008.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
3548	ALL	402028.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
3549	ALL	402048.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
3550	ALL	402068.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
3551	ALL	402088.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
3552	ALL	402108.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
3553	ALL	402128.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
3554	ALL	402148.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
3555	ALL	402168.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
3556	ALL	402188.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
3557	ALL	402208.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
3558	ALL	402228.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
3559	ALL	402248.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
3560	ALL	402268.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
3561	ALL	402288.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
3562	ALL	402308.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
3563	ALL	402328.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04

3564	ALL	402348.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
3565	ALL	402368.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
3566	ALL	402388.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
3567	ALL	402408.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
3568	ALL	402428.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
3569	ALL	402448.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
3570	ALL	402468.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
3571	ALL	402488.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
3572	ALL	402508.9	3782069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
3573	ALL	401308.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-05
3574	ALL	401328.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05
3575	ALL	401348.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05
3576	ALL	401368.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-05
3577	ALL	401388.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05
3578	ALL	401408.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05
3579	ALL	401428.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05
3580	ALL	401448.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05
3581	ALL	401468.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
3582	ALL	401488.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3583	ALL	401508.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
3584	ALL	401528.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
3585	ALL	401548.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
3586	ALL	401568.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
3587	ALL	401588.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
3588	ALL	401608.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
3589	ALL	401628.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
3590	ALL	401648.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
3591	ALL	401668.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
3592	ALL	401688.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
3593	ALL	401708.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
3594	ALL	401728.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
3595	ALL	401748.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
3596	ALL	401768.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
3597	ALL	401788.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
3598	ALL	401808.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
3599	ALL	401828.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
3600	ALL	401848.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
3601	ALL	401868.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
3602	ALL	401888.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
3603	ALL	401908.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
3604	ALL	401928.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
3605	ALL	401948.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
3606	ALL	401968.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
3607	ALL	401988.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
3608	ALL	402008.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
3609	ALL	402028.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
3610	ALL	402048.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
3611	ALL	402068.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
3612	ALL	402088.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
3613	ALL	402108.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
3614	ALL	402128.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
3615	ALL	402148.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
3616	ALL	402168.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
3617	ALL	402188.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
3618	ALL	402208.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
3619	ALL	402228.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
3620	ALL	402248.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
3621	ALL	402268.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
3622	ALL	402288.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
3623	ALL	402308.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
3624	ALL	402328.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
3625	ALL	402348.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
3626	ALL	402368.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
3627	ALL	402388.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
3628	ALL	402408.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
3629	ALL	402428.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
3630	ALL	402448.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
3631	ALL	402468.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
3632	ALL	402488.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
3633	ALL	402508.9	3782089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
3634	ALL	401308.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-05
3635	ALL	401328.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-05
3636	ALL	401348.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05
3637	ALL	401368.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05
3638	ALL	401388.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05
3639	ALL	401408.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-05
3640	ALL	401428.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-05
3641	ALL	401448.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05
3642	ALL	401468.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05
3643	ALL	401488.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3644	ALL	401508.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
3645	ALL	401528.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
3646	ALL	401548.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3647	ALL	401568.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
3648	ALL	401588.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
3649	ALL	401608.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
3650	ALL	401628.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
3651	ALL	401648.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
3652	ALL	401668.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
3653	ALL	401688.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3654	ALL	401708.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
3655	ALL	401728.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3656	ALL	401748.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3657	ALL	401768.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
3658	ALL	401788.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
3659	ALL	401808.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3660	ALL	401828.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
3661	ALL	401848.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
3662	ALL	401868.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04

3663	ALL	401888.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
3664	ALL	401908.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
3665	ALL	401928.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
3666	ALL	401948.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
3667	ALL	401968.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
3668	ALL	401988.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
3669	ALL	402008.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
3670	ALL	402028.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
3671	ALL	402048.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
3672	ALL	402068.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
3673	ALL	402088.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
3674	ALL	402108.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
3675	ALL	402128.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
3676	ALL	402148.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
3677	ALL	402168.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
3678	ALL	402188.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
3679	ALL	402208.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
3680	ALL	402228.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
3681	ALL	402248.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
3682	ALL	402268.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
3683	ALL	402288.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
3684	ALL	402308.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
3685	ALL	402328.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
3686	ALL	402348.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
3687	ALL	402368.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
3688	ALL	402388.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
3689	ALL	402408.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
3690	ALL	402428.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
3691	ALL	402448.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
3692	ALL	402468.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
3693	ALL	402488.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
3694	ALL	402508.9	3782109	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
3695	ALL	401308.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-05
3696	ALL	401328.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-05
3697	ALL	401348.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05
3698	ALL	401368.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-05
3699	ALL	401388.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-05
3700	ALL	401408.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-05
3701	ALL	401428.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-05
3702	ALL	401448.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05
3703	ALL	401468.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05
3704	ALL	401488.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-05
3705	ALL	401508.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05
3706	ALL	401528.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-05
3707	ALL	401548.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-05
3708	ALL	401568.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05
3709	ALL	401588.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-05
3710	ALL	401608.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05
3711	ALL	401628.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3712	ALL	401648.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3713	ALL	401668.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3714	ALL	401688.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
3715	ALL	401708.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
3716	ALL	401728.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
3717	ALL	401748.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
3718	ALL	401768.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
3719	ALL	401788.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3720	ALL	401808.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
3721	ALL	401828.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
3722	ALL	401848.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
3723	ALL	401868.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3724	ALL	401888.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
3725	ALL	401908.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
3726	ALL	401928.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
3727	ALL	401948.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3728	ALL	401968.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
3729	ALL	401988.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
3730	ALL	402008.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
3731	ALL	402028.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3732	ALL	402048.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
3733	ALL	402068.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
3734	ALL	402088.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
3735	ALL	402108.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
3736	ALL	402128.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
3737	ALL	402148.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
3738	ALL	402168.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
3739	ALL	402188.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
3740	ALL	402208.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
3741	ALL	402228.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
3742	ALL	402248.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
3743	ALL	402268.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
3744	ALL	402288.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
3745	ALL	402308.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
3746	ALL	402328.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3747	ALL	402348.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3748	ALL	402368.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
3749	ALL	402388.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
3750	ALL	402408.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
3751	ALL	402428.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
3752	ALL	402448.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
3753	ALL	402468.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
3754	ALL	402488.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
3755	ALL	402508.9	3782129	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
3756	ALL	401308.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-05
3757	ALL	401328.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-05
3758	ALL	401348.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-05
3759	ALL	401368.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-05
3760	ALL	401388.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05
3761	ALL	401408.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-05

3762	ALL	401428.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-05
3763	ALL	401448.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05
3764	ALL	401468.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05
3765	ALL	401488.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05
3766	ALL	401508.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-05
3767	ALL	401528.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05
3768	ALL	401548.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-05
3769	ALL	401568.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05
3770	ALL	401588.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-05
3771	ALL	401608.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05
3772	ALL	401628.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-05
3773	ALL	401648.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05
3774	ALL	401668.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-05
3775	ALL	401688.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05
3776	ALL	401708.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-05
3777	ALL	401728.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-05
3778	ALL	401748.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
3779	ALL	401768.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
3780	ALL	401788.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
3781	ALL	401808.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
3782	ALL	401828.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3783	ALL	401848.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
3784	ALL	401868.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
3785	ALL	401888.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
3786	ALL	401908.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
3787	ALL	401928.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
3788	ALL	401948.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
3789	ALL	401968.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
3790	ALL	401988.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
3791	ALL	402008.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3792	ALL	402028.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
3793	ALL	402048.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
3794	ALL	402068.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
3795	ALL	402088.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
3796	ALL	402108.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
3797	ALL	402128.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
3798	ALL	402148.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
3799	ALL	402168.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
3800	ALL	402188.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
3801	ALL	402208.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
3802	ALL	402228.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
3803	ALL	402248.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
3804	ALL	402268.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
3805	ALL	402288.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
3806	ALL	402308.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
3807	ALL	402328.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
3808	ALL	402348.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
3809	ALL	402368.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
3810	ALL	402388.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
3811	ALL	402408.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
3812	ALL	402428.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
3813	ALL	402448.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
3814	ALL	402468.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
3815	ALL	402488.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
3816	ALL	402508.9	3782149	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
3817	ALL	401308.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05
3818	ALL	401328.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-05
3819	ALL	401348.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-05
3820	ALL	401368.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-05
3821	ALL	401388.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-05
3822	ALL	401408.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-05
3823	ALL	401428.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05
3824	ALL	401448.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-05
3825	ALL	401468.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05
3826	ALL	401488.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-05
3827	ALL	401508.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05
3828	ALL	401528.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05
3829	ALL	401548.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05
3830	ALL	401568.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-05
3831	ALL	401588.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05
3832	ALL	401608.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-05
3833	ALL	401628.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-05
3834	ALL	401648.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-05
3835	ALL	401668.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05
3836	ALL	401688.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05
3837	ALL	401708.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05
3838	ALL	401728.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-05
3839	ALL	401748.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05
3840	ALL	401768.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05
3841	ALL	401788.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3842	ALL	401808.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-05
3843	ALL	401828.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05
3844	ALL	401848.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05
3845	ALL	401868.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05
3846	ALL	401888.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05
3847	ALL	401908.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05
3848	ALL	401928.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3849	ALL	401948.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3850	ALL	401968.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
3851	ALL	401988.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
3852	ALL	402008.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
3853	ALL	402028.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
3854	ALL	402048.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
3855	ALL	402068.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3856	ALL	402088.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
3857	ALL	402108.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
3858	ALL	402128.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
3859	ALL	402148.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
3860	ALL	402168.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04

3861	ALL	402188.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
3862	ALL	402208.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
3863	ALL	402228.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
3864	ALL	402248.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3865	ALL	402268.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3866	ALL	402288.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
3867	ALL	402308.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
3868	ALL	402328.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
3869	ALL	402348.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
3870	ALL	402368.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3871	ALL	402388.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
3872	ALL	402408.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
3873	ALL	402428.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
3874	ALL	402448.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
3875	ALL	402468.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
3876	ALL	402488.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
3877	ALL	402508.9	3782169	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
3878	ALL	401308.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05
3879	ALL	401328.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05
3880	ALL	401348.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05
3881	ALL	401368.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05
3882	ALL	401388.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05
3883	ALL	401408.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05
3884	ALL	401428.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05
3885	ALL	401448.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-05
3886	ALL	401468.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-05
3887	ALL	401488.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05
3888	ALL	401508.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-05
3889	ALL	401528.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05
3890	ALL	401548.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05
3891	ALL	401568.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-05
3892	ALL	401588.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-05
3893	ALL	401608.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05
3894	ALL	401628.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-05
3895	ALL	401648.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-05
3896	ALL	401668.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-05
3897	ALL	401688.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05
3898	ALL	401708.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05
3899	ALL	401728.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05
3900	ALL	401748.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05
3901	ALL	401768.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05
3902	ALL	401788.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05
3903	ALL	401808.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05
3904	ALL	401828.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05
3905	ALL	401848.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05
3906	ALL	401868.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05
3907	ALL	401888.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-05
3908	ALL	401908.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05
3909	ALL	401928.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05
3910	ALL	401948.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
3911	ALL	401968.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05
3912	ALL	401988.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-05
3913	ALL	402008.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-05
3914	ALL	402028.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05
3915	ALL	402048.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-05
3916	ALL	402068.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
3917	ALL	402088.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
3918	ALL	402108.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3919	ALL	402128.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3920	ALL	402148.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
3921	ALL	402168.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
3922	ALL	402188.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
3923	ALL	402208.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
3924	ALL	402228.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
3925	ALL	402248.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
3926	ALL	402268.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
3927	ALL	402288.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3928	ALL	402308.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
3929	ALL	402328.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
3930	ALL	402348.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-05
3931	ALL	402368.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
3932	ALL	402388.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3933	ALL	402408.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
3934	ALL	402428.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3935	ALL	402448.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
3936	ALL	402468.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
3937	ALL	402488.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
3938	ALL	402508.9	3782189	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
3939	ALL	401308.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-05
3940	ALL	401328.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05
3941	ALL	401348.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-05
3942	ALL	401368.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05
3943	ALL	401388.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-05
3944	ALL	401408.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05
3945	ALL	401428.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05
3946	ALL	401448.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-05
3947	ALL	401468.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05
3948	ALL	401488.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-05
3949	ALL	401508.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05
3950	ALL	401528.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05
3951	ALL	401548.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-05
3952	ALL	401568.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05
3953	ALL	401588.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-05
3954	ALL	401608.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05
3955	ALL	401628.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-05
3956	ALL	401648.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-05
3957	ALL	401668.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-05
3958	ALL	401688.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-05
3959	ALL	401708.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05

3960	ALL	401728.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-05
3961	ALL	401748.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05
3962	ALL	401768.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-05
3963	ALL	401788.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05
3964	ALL	401808.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-05
3965	ALL	401828.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-05
3966	ALL	401848.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05
3967	ALL	401868.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05
3968	ALL	401888.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05
3969	ALL	401908.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-05
3970	ALL	401928.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-05
3971	ALL	401948.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05
3972	ALL	401968.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-05
3973	ALL	401988.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05
3974	ALL	402008.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05
3975	ALL	402028.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05
3976	ALL	402048.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05
3977	ALL	402068.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-05
3978	ALL	402088.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-05
3979	ALL	402108.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-05
3980	ALL	402128.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
3981	ALL	402148.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
3982	ALL	402168.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
3983	ALL	402188.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
3984	ALL	402208.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
3985	ALL	402228.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
3986	ALL	402248.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
3987	ALL	402268.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-05
3988	ALL	402288.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05
3989	ALL	402308.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05
3990	ALL	402328.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05
3991	ALL	402348.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05
3992	ALL	402368.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05
3993	ALL	402388.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05
3994	ALL	402408.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-05
3995	ALL	402428.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-05
3996	ALL	402448.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
3997	ALL	402468.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
3998	ALL	402488.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
3999	ALL	402508.9	3782209	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
4000	ALL	402116.1	3781609	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
4001	ALL	402111.6	3781632	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-03
4002	ALL	402072.8	3781725	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-03
4003	ALL	402058.7	3781777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-03
4004	ALL	402061.5	3781813	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-03
4005	ALL	402065.5	3781835	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
4006	ALL	401913.1	3781830	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-03
4007	ALL	401870.3	3781887	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-03
4008	ALL	401788.8	3781885	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
4009	ALL	401791	3781612	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03